



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services



Solutions

Operating Instructions

Prosonic S FMU95

Slot-Index Lists for PROFIBUS DP

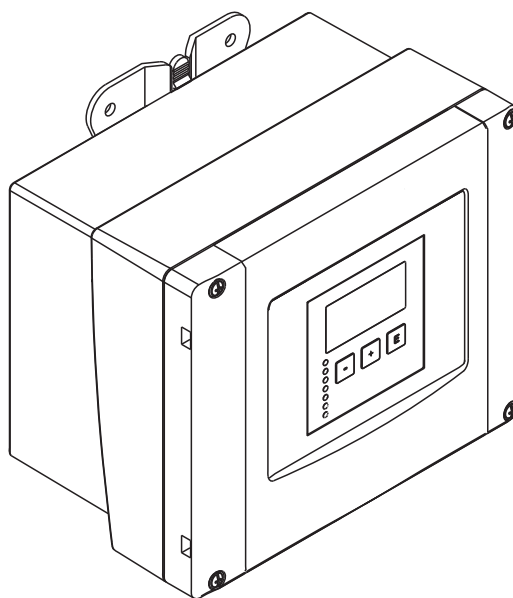
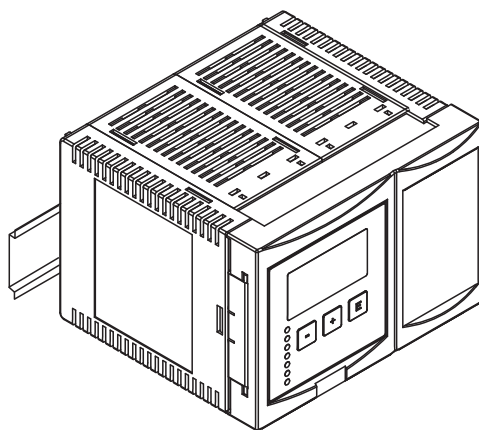


Table of Contents

1 Introduction 4

2 Slot-Index Lists..... 5

2.1 Resource Block (RB) 5

2.2 Display Block (DY) 11

2.3 Sum Block (SX) 32

2.4 Average Block (AX) 38

2.5 Current Output Block (CO) 44

2.6 Transducer Block (TB) 47

2.7 Analog Input Block (AI) 50

2.8 System Block (SY) 53

2.9 External Temperature Block (XT) 54

2.10 Binary Input Block (BI) 56

2.11 UG Block (UG) 57

2.12 Ultrasonic Sensor Block (US) 58

2.13 Level Block (LE) 68

2.14 Sum Block (SV) 79

2.15 Average Block (AV) 82

1 Introduction

This document comprises the Slot-Index tables for all user parameters of the Prosonic S. The parameters are arranged according to the function blocks of the Prosonic S. All function blocks containing user parameters are taken into account. Some of these blocks are not available in every version of the instrument.

For each block, there is a list of instances. A slot number and a start index is given for each instance. The structure of each block is only given once. This structure is valid for all instances of the respective block.

2 Slot-Index Lists

2.1 Resource Block (RB)

2.1.1 Instances

Instance	Slot	Index
1	0	16

2.1.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	RBTargetMode		0	21	1	Unsigned8	Auto, OOS	8 ... 8	0	-	RW	static
code	RBLockingCode	DX104	0	34	2	Unsigned16	Auto, OOS	0 ... 65535	2457	-	RW	non-vol.
reset	RBResetCode	DX104	0	35	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
ident number	RBIdentNumberSelector	OXC11	0	40	1	Unsigned8	Auto, OOS	0 : profile 1 : manufacturer	manufacturer	-	RW	static
instrument addr.	RBDeviceBusAddress	OXC01	0	59	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	non-vol.
profile version	RBPAProfileRevision	OXC01	0	64	32	VisibleString	Auto, OOS	32	3.0	-	RO	const
device name	RBDeviceName	CX901	0	90	16	VisibleString	Auto, OOS	16	PROSONIC S FMU95	-	RW	static
device family	RBDeviceFamily	CX901	0	91	16	VisibleString	Auto, OOS	16	FMU95	-	RW	static
order code	RBOrderCode		0	92	24	VisibleString	Auto, OOS	24	FIELD-TEST	-	RW	static
serial no.	RBSerialNr	CX901	0	93	16	VisibleString	Auto, OOS	16	————— —	-	RW	static
software version	RBSWVersion	CX901	0	94	16	VisibleString	Auto, OOS	16	————— —	-	RO	dynamic
communicat. type	RBCOMVersion		0	95	1	Unsigned8	Auto, OOS	0 : HART 1 : Profibus DP 2 : Profibus PA 3 : FF 4 : Ethernet	Profibus DP	-	RO	non-vol.
date of product.	RBProductionData		0	96	10	VisibleString	Auto, OOS	10	—————	-	RW	static
dev. rev.	RBDeviceRevision	IX107	0	97	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	non-vol.
device marking	RBDeviceTag		0	98	32	VisibleString	Auto, OOS	32	————— ————— —————	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
distance unit	RBDistanceUnit16	DX019	0	99	2	Unsigned16	Auto, OOS	1010 : m 1018 : ft 1013 : mm 1019 : inch	m	-	RW	static
temperature unit	RBTemperatureUnit16	DX01A	0	100	2	Unsigned16	Auto, OOS	1001 : °C 1002 : °F	°C	-	RW	static
no.of decimals	RBNrOfDecimalsUpTo3	DX212	0	101	1	Unsigned8	Auto, OOS	0 : x 1 : x.x 2 : x.xx 3 : x.xxx	x.xx	-	RW	static
operating mode	RBOperationMode		0	102	2	Unsigned16	Auto, OOS	30001 : level 30002 : level + flow 30003 : flow 30004 : flow+backwater	level	-	RW	static
controls	RBControl		0	103	2	Unsigned16	Auto, OOS	30005 : no 30006 : pump control 30007 : rake control	no	-	RW	static
status	RBStatusLocking	DX104	0	104	1	Unsigned8	Auto, OOS	0 : switch locked 1 : key locked 2 : code locked 3 : unlocked 4 : service unlock 5 : debug unlocked 6 : WHG locked 7 : SIL locked 8 : PM temp locked 9 : PM perm locked 10 : SM temp locked 11 : SM perm locked 12 : upload active 13 : downl. active 14 : WHG/SIL lock.	unlocked	-	RO	dynamic
operation hours	RBOpHourCounter_h	IX403	0	106	4	Unsigned32	Auto, OOS	0 ... 999999	0	h	RO	dynamic
uptime	RBUpTimeStr	S0040	0	107	10	VisibleString	Auto, OOS	10	0.000000	-	RO	dynamic
reset errorlist	RBClearErrorList	S0140	0	108	1	Unsigned8	Auto, OOS	0 : keep 1 : erase	keep	-	RW	dynamic
build number	RBBuildNumber	S0040	0	109	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
DD version	RBDD_REV	IX108	0	110	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 1	RBActualError1		0	111	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 2	RBActualError2		0	112	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 3	RBActualError3		0	113	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 4	RBActualError4		0	114	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 5	RBActualError5		0	115	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
actual error 6	RBAActualError6		0	116	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 7	RBAActualError7		0	117	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 8	RBAActualError8		0	118	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 9	RBAActualError9		0	119	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
actual error 10	RBAActualError10		0	120	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	dynamic
last error 1	RBLastError1		0	121	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 2	RBLastError2		0	122	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 3	RBLastError3		0	123	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 4	RBLastError4		0	124	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 5	RBLastError5		0	125	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 6	RBLastError6		0	126	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 7	RBLastError7		0	127	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 8	RBLastError8		0	128	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 9	RBLastError9		0	129	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
last error 10	RBLastError10		0	130	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RO	non-vol.
startdelay relay	RBDelayTimePowerOn		0	132	2	Unsigned16	Auto, OOS	0 ... 300	5	s	RW	static
card1 name	RBCard1Name	S0050	0	169	23	VisibleString	Auto, OOS	23	———	-	RO	static
card1 serial no	RBCard1SerialNo	S0050	0	170	16	VisibleString	Auto, OOS	16	———	-	RO	static
card1 hwversion	RBCard1HardwareVersion	S0050	0	171	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card1 hwrev	RBCard1HardwareRevision	S0050	0	172	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card2 name	RBCard2Name	S0050	0	173	23	VisibleString	Auto, OOS	23	———	-	RO	static
card2 serial no	RBCard2SerialNo	S0050	0	174	16	VisibleString	Auto, OOS	16	———	-	RO	static
card2 hwversion	RBCard2HardwareVersion	S0050	0	175	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card2 hwrev	RBCard2HardwareRevision	S0050	0	176	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
card3 name	RBCard3Name	S0050	0	177	23	VisibleString	Auto, OOS	23	————	-	RO	static
card3 serial no	RBCard3SerialNo	S0050	0	178	16	VisibleString	Auto, OOS	16	————	-	RO	static
card3 hwversion	RBCard3HardwareVersion	S0050	0	179	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card3 hwrev	RBCard3HardwareRevision	S0050	0	180	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card4 name	RBCard4Name	S0050	0	181	23	VisibleString	Auto, OOS	23	————	-	RO	static
card4 serial no	RBCard4SerialNo	S0050	0	182	16	VisibleString	Auto, OOS	16	————	-	RO	static
card4 hwversion	RBCard4HardwareVersion	S0050	0	183	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card4 hwrev	RBCard4HardwareRevision	S0050	0	184	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card5 name	RBCard5Name	S0050	0	185	23	VisibleString	Auto, OOS	23	————	-	RO	static
card5 serial no	RBCard5SerialNo	S0050	0	186	16	VisibleString	Auto, OOS	16	————	-	RO	static
card5 hwversion	RBCard5HardwareVersion	S0050	0	187	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card5 hwrev	RBCard5HardwareRevision	S0050	0	188	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card6 name	RBCard6Name	S0050	0	189	23	VisibleString	Auto, OOS	23	————	-	RO	static
card6 serial no	RBCard6SerialNo	S0050	0	190	16	VisibleString	Auto, OOS	16	————	-	RO	static
card6 hwversion	RBCard6HardwareVersion	S0050	0	191	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card6 hwrev	RBCard6HardwareRevision	S0050	0	192	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card7 name	RBCard7Name	S0050	0	193	23	VisibleString	Auto, OOS	23	————	-	RO	static
card7 serial no	RBCard7SerialNo	S0050	0	194	16	VisibleString	Auto, OOS	16	————	-	RO	static
card7 hwversion	RBCard7HardwareVersion	S0050	0	195	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card7 hwrev	RBCard7HardwareRevision	S0050	0	196	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card8 name	RBCard8Name	S0050	0	197	23	VisibleString	Auto, OOS	23	————	-	RO	static
card8 serial no	RBCard8SerialNo	S0050	0	198	16	VisibleString	Auto, OOS	16	————	-	RO	static
card8 hwversion	RBCard8HardwareVersion	S0050	0	199	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static
card8 hwrev	RBCard8HardwareRevision	S0050	0	200	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
download mode	RBDownloadMode		0	206	1	Unsigned8	Auto, OOS	0 : parameter only 1 : param+cust.map 2 : mapping only	parameter only	-	RW	dynamic
modem sync	RBSyncGSMModem	S0140	0	212	1	Unsigned8	Auto, OOS	0 : off 1 : on	off	-	RW	static
device marking	RBDeviceTag23	DX102	0	237	23	VisibleString	Auto, OOS	23	_____	-	RW	static
order code	RBOrderCode23	CX901	0	238	23	VisibleString	Auto, OOS	23	_____	-	RW	static
copy of	RBCopyLevelSrc		0	242	2	Unsigned16	Auto, OOS	30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10	level 1	-	RW	static
paste to	RBCopyLevelDest		0	243	2	Unsigned16	Auto, OOS	30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10	level 2	-	RW	static
start	RBStartCopyLevel		0	244	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	dynamic
copy of	RBCopySensorSrc		0	245	2	Unsigned16	Auto, OOS	30210 : sensor 1 30211 : sensor 2 30212 : sensor 3 30213 : sensor 4 30214 : sensor 5 30215 : sensor 6 30216 : sensor 7 30217 : sensor 8 30218 : sensor 9 30219 : sensor 10	sensor 1	-	RW	static
paste to	RBCopySensorDest		0	246	2	Unsigned16	Auto, OOS	30210 : sensor 1 30211 : sensor 2 30212 : sensor 3 30213 : sensor 4 30214 : sensor 5 30215 : sensor 6 30216 : sensor 7 30217 : sensor 8 30218 : sensor 9 30219 : sensor 10	sensor 2	-	RW	static
start	RBStartCopySensor		0	247	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	dynamic
copy of	RBCopyFlowSrc		0	248	2	Unsigned16	Auto, OOS	30220 : flow 1 30221 : flow 2	flow 1	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
paste to	RBCopyFlowDest		0	249	2	Unsigned16	Auto, OOS	30220 : flow 1 30221 : flow 2	flow 2	-	RW	static
start	RBStartCopyFlow		0	250	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	dynamic
View1	RBPBView1		0	251	17	VisibleString	Auto, OOS	17	-	-	RO	dynamic
ProcessorSW-Vers.	RBuCSWVersion	S0050	1	75	16	VisibleString	Auto, OOS	16	_____	-	RO	dynamic
DSPSWVers.	RBDSPSWVersion	S0050	1	80	16	VisibleString	Auto, OOS	16	_____	-	RO	dynamic
DisplaySWVers.	RBDisplaySWVersion	S0050	1	85	16	VisibleString	Auto, OOS	16	_____	-	RO	dynamic

2.2 Display Block (DY)

2.2.1 Instances

Instance	Slot	Index
1	41	0

2.2.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	DYTargetMode		0	5	1	Unsigned8	Auto, OOS	8 ... 8	0	-	RW	non-vol.
language	DYLanguage	DX011	0	29	2	Unsigned16	Auto, OOS	0 : English 1 : Deutsch 2 : Français 3 : Español 4 : Italiano 5 : Nederlands 6 : Portuguesa 30400 : Russian 30401 : polski 30402 : Czech 30403 : Arab 30404 : Chinese 30405 : Japanese 30406 : Korean 30407 : Bahasa 30408 : Thai 30409 : Vietnamese	English	-	RW	static
back to home	DYBackToHome	DX200	0	30	2	Integer16	Auto, OOS	10 ... 9999	900	s	RW	static
format	DYFormatDisplayDeclnch	DX211	0	31	1	Unsigned8	Auto, OOS	0 : decimal 1 : ft-in-1/16"	decimal	-	RW	static
sep. character	DYSeparationCharacter	DX213	0	32	1	Unsigned8	Auto, OOS	0 : . 1 : ,	.	-	RW	static
type	DYDisplayModeWithBar-graph	DX221	0	33	2	Unsigned16	Auto, OOS	30230 : 1x value+bargr 30231 : 2x value+bargr 30232 : value max size 30233 : alter. 3x2 val 30234 : alter.5x2 val. 30235 : bargr. profil	1x value+bargr	-	RW	static
time	DYChangeTime	CX000	0	34	1	Unsigned8	Auto, OOS	0 ... 255	3	s	RW	static
reset	DYResetBlock		0	36	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
customized text	DYLabelText	CX000	0	38	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	DYInput1Source	DX320	0	39	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input1 status	DYInput1Status		0	41	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 1	DYInput1Value	CX000	0	42	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put1 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input1 unit	DYInput1Unit16		0	43	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 1	DYInput1Text	CX000	0	46	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 2	DYInput2Source	CX000	0	47	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input2 status	DYInput2Status		0	49	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 2	DYInput2Value	CX000	0	50	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put2 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input2 unit	DYInput2Unit16		0	51	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 2	DYInput2Text	CX000	0	54	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 3	DYInput3Source	CX000	0	55	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input3 status	DYInput3Status		0	57	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 3	DYInput3Value	CX000	0	58	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put3 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input3 unit	DYInput3Unit16		0	59	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 3	DYInput3Text	CX000	0	62	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 4	DYInput4Source	CX000	0	63	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input4 status	DYInput4Status		0	65	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 4	DYInput4Value	CX000	0	66	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put4 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input4 unit	DYInput4Unit16		0	67	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 4	DYInput4Text	CX000	0	70	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 5	DYInput5Source	CX000	0	71	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input5 status	DYInput5Status		0	73	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 5	DYInput5Value	CX000	0	74	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put5 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input5 unit	DYInput5Unit16		0	75	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 5	DYInput5Text	CX000	0	78	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 6	DYInput6Source	CX000	0	79	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input6 status	DYInput6Status		0	81	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 6	DYInput6Value	CX000	0	82	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put6 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input6 unit	DYInput6Unit16		0	83	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 6	DYInput6Text	CX000	0	86	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 7	DYInput7Source	CX000	0	87	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input7 status	DYInput7Status		0	89	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 7	DYInput7Value	CX000	0	90	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put7 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input7 unit	DYInput7Unit16		0	91	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 7	DYInput7Text	CX000	0	94	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 8	DYInput8Source	CX000	0	95	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input8 status	DYInput8Status		0	97	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 8	DYInput8Value	CX000	0	98	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put8 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input8 unit	DYInput8Unit16		0	99	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 8	DYInput8Text	CX000	0	102	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 9	DYInput9Source	CX000	0	103	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input9 status	DYInput9Status		0	105	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 9	DYInput9Value	CX000	0	106	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYIn put9 Unit1 6	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input9 unit	DYInput9Unit16		0	107	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 9	DYInput9Text	CX000	0	110	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 10	DYInput10Source	CX000	0	111	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static
input10 status	DYInput10Status		0	113	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 10	DYInput10Value	CX000	0	114	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	DYInput10 Unit16	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input10 unit	DYInput10Unit16		0	115	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
cust. text 10	DYInput10Text	CX000	0	118	16	VisibleString	Auto, OOS	16	-	-	RW	non- vol.
View1	DYTBView1		0	150	18	VisibleString	Auto, OOS	18	-	-	RO	dyna- mic

2.3 Sum Block (SX)

2.3.1 Instances

Instance	Slot	Index
1	121	0
2	122	0
3	123	0
4	124	0
5	125	0

2.3.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	SXTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
reset	SXResetBlock		0	29	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
output	SXInput1Source		0	31	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1	none	-	RW	static
input1 status	SXInput1Status		0	33	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	SXInput1Value		0	34	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput1Unit16	RO	dynamic
input1 unit	SXInput1Unit16		0	35	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 1	SXInput1Enable	OXA02	0	36	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput2Source		0	37	2	Unsigned16	Auto, OOS	0 : none 30201 : level 2	none	-	RW	static
input1 status	SXInput2Status		0	39	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	SXInput2Value		0	40	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput2Unit16	RO	dynamic
input2 unit	SXInput2Unit16		0	41	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 2	SXInput2Enable	OXA02	0	42	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput3Source		0	43	2	Unsigned16	Auto, OOS	0 : none 30202 : level 3	none	-	RW	static
input1 status	SXInput3Status		0	45	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	SXInput3Value		0	46	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput3Unit16	RO	dynamic
input3 unit	SXInput3Unit16		0	47	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 3	SXInput3Enable	OXA02	0	48	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput4Source		0	49	2	Unsigned16	Auto, OOS	0 : none 30203 : level 4	none	-	RW	static
input1 status	SXInput4Status		0	51	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	SXInput4Value		0	52	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput4Unit16	RO	dynamic
input4 unit	SXInput4Unit16		0	53	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 4	SXInput4Enable	OXA02	0	54	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput5Source		0	55	2	Unsigned16	Auto, OOS	0 : none 30204 : level 5	none	-	RW	static
input1 status	SXInput5Status		0	57	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	SXInput5Value		0	58	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput5Unit16	RO	dynamic
input5 unit	SXInput5Unit16		0	59	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 5	SXInput5Enable	OXA02	0	60	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput6Source		0	61	2	Unsigned16	Auto, OOS	0 : none 30205 : level 6	none	-	RW	static
input1 status	SXInput6Status		0	63	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	SXInput6Value		0	64	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput6Unit16	RO	dynamic
input6 unit	SXInput6Unit16		0	65	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 6	SXInput6Enable	OXA02	0	66	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput7Source		0	67	2	Unsigned16	Auto, OOS	0 : none 30206 : level 7	none	-	RW	static
input1 status	SXInput7Status		0	69	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	SXInput7Value		0	70	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput7Unit16	RO	dynamic
input7 unit	SXInput7Unit16		0	71	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 7	SXInput7Enable	OXA02	0	72	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput8Source		0	73	2	Unsigned16	Auto, OOS	0 : none 30207 : level 8	none	-	RW	static
input1 status	SXInput8Status		0	75	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	SXInput8Value		0	76	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput8Unit16	RO	dynamic
input8 unit	SXInput8Unit16		0	77	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 8	SXInput8Enable	OXA02	0	78	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput9Source		0	79	2	Unsigned16	Auto, OOS	0 : none 30208 : level 9	none	-	RW	static
input1 status	SXInput9Status		0	81	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	SXInput9Value		0	82	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput9Unit16	RO	dynamic
input9 unit	SXInput9Unit16		0	83	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 9	SXInput9Enable	OXA02	0	84	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SXInput10Source		0	85	2	Unsigned16	Auto, OOS	0 : none 30209 : level 10	none	-	RW	static
input1 status	SXInput10Status		0	87	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	SXInput10Value		0	88	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SXInput10 Unit16	RO	dynamic
input10 unit	SXInput10Unit16		0	89	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 10	SXInput10Enable	OXA02	0	90	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

2.4 Average Block (AX)

2.4.1 Instances

Instance	Slot	Index
1	126	0
2	127	0
3	128	0
4	129	0
5	130	0

2.4.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	AXTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
reset	AXResetBlock		0	29	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
output	AXInput1Source		0	31	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1	none	-	RW	static
input1 status	AXInput1Status		0	33	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput1Value		0	34	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput1Unit16	RO	dynamic
input1 unit	AXInput1Unit16		0	35	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 1	AXInput1Enable	OXA02	0	36	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput2Source		0	37	2	Unsigned16	Auto, OOS	0 : none 30201 : level 2	none	-	RW	static
input1 status	AXInput2Status		0	39	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	AXInput2Value		0	40	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput2 Unit16	RO	dynamic
input2 unit	AXInput2Unit16		0	41	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 2	AXInput2Enable	OXA02	0	42	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput3Source		0	43	2	Unsigned16	Auto, OOS	0 : none 30202 : level 3	none	-	RW	static
input1 status	AXInput3Status		0	45	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput3Value		0	46	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput3 Unit16	RO	dynamic
input3 unit	AXInput3Unit16		0	47	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 3	AXInput3Enable	OXA02	0	48	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput4Source		0	49	2	Unsigned16	Auto, OOS	0 : none 30203 : level 4	none	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input1 status	AXInput4Status		0	51	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput4Value		0	52	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput4 Unit16	RO	dynamic
input4 unit	AXInput4Unit16		0	53	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 4	AXInput4Enable	OXA02	0	54	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput5Source		0	55	2	Unsigned16	Auto, OOS	0 : none 30204 : level 5	none	-	RW	static
input1 status	AXInput5Status		0	57	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput5Value		0	58	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput5 Unit16	RO	dynamic
input5 unit	AXInput5Unit16		0	59	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 5	AXInput5Enable	OXA02	0	60	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
output	AXInput6Source		0	61	2	Unsigned16	Auto, OOS	0 : none 30205 : level 6	none	-	RW	static
input1 status	AXInput6Status		0	63	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput6Value		0	64	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput6 Unit16	RO	dynamic
input6 unit	AXInput6Unit16		0	65	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 6	AXInput6Enable	OXA02	0	66	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput7Source		0	67	2	Unsigned16	Auto, OOS	0 : none 30206 : level 7	none	-	RW	static
input1 status	AXInput7Status		0	69	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput7Value		0	70	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput7 Unit16	RO	dynamic
input7 unit	AXInput7Unit16		0	71	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
level 7	AXInput7Enable	OXA02	0	72	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput8Source		0	73	2	Unsigned16	Auto, OOS	0 : none 30207 : level 8	none	-	RW	static
input1 status	AXInput8Status		0	75	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput8Value		0	76	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput8 Unit16	RO	dynamic
input8 unit	AXInput8Unit16		0	77	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 8	AXInput8Enable	OXA02	0	78	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput9Source		0	79	2	Unsigned16	Auto, OOS	0 : none 30208 : level 9	none	-	RW	static
input1 status	AXInput9Status		0	81	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AXInput9Value		0	82	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXInput9 Unit16	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input9 unit	AXInput9Unit16		0	83	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 9	AXInput9Enable	OXA02	0	84	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AXInput10Source		0	85	2	Unsigned16	Auto, OOS	0 : none 30209 : level 10	none	-	RW	static
input1 status	AXInput10Status		0	87	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 1	AXInput10Value		0	88	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AXIn- put10 Unit1 6	RO	dyna- mic
input10 unit	AXInput10Unit16		0	89	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 10	AXInput10Enable	OXA02	0	90	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

2.5 Current Output Block (CO)

2.5.1 Instances

Instance	Slot	Index
1	188	0

2.5.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	COTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
output@@	COTagNumber32		0	29	32	VisibleString	Auto, OOS	32	_____	-	RW	static
output	COInputSource		0	30	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 23 : sum 1 24 : sum 2 25 : sum 3 26 : average 1 27 : average 2 28 : average 3 29 : sum 1 30 : sum 2 31 : sum 3 32 : sum 4 33 : sum 5 34 : average 1 35 : average 2 36 : average 3 37 : average 4 38 : average 5	none	-	RW	static
input status	COInputStatus		0	32	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna-mic
input value 1	COInputValue		0	33	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	COC usto- merU nit16	RO	dyna-mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
customer unit	COCustomerUnit16		0	34	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dynamic
output damping	CODampingTime_s		0	39	4	Float	Auto, OOS	0.0 ... 1000.0	1.0	s	RW	static
current span	COOperatingMode		0	40	1	Unsigned8	Auto, OOS	0 : 4 ... 20mA 1 : 0 ... 20mA 2 : fix. current	4 ... 20mA	-	RW	static
curr. turn down	COTurnDownMode		0	41	1	Unsigned8	Auto, OOS	0 : off 1 : on	off	-	RW	static
turn down 0/4mA	COTurnDownAt4mA		0	42	4	Float	Auto, OOS	COERMinTurnDownValue ... COERMaxTurnDownValue	0.000	COCustomerUnit16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
turn down 20mA	COTurnDownAt20mA		0	43	4	Float	Auto, OOS	COERMinTurnDownValue ... COERMaxTurnDownValue	100.000	COC usto- merU nit16	RW	static
4mA threshold	CO4mACutOff		0	44	1	Unsigned8	Auto, OOS	0 : off 1 : on	on	-	RW	static
output@@	COOnStatusBad		0	45	1	Unsigned8	Auto, OOS	0 : min 1 : max 2 : hold 253 : user specific	max	-	RW	static
output value@@	COOnStatusBadValue_mA		0	46	4	Float	Auto, OOS	COERMinCurrentValue_mA ... 22.000	22.000	mA	RW	static
simulation	COSimulation		0	47	1	Unsigned8	Auto, OOS	0 : off 1 : on	off	-	RW	static
simulation value	COSimulationValue_mA		0	48	4	Float	Auto, OOS	COERMinCurrentValue_mA ... 22.000	4.000	mA	RW	non-vol.
status curr. out	COOutputStatus		0	50	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
output current@@	COOutputValue		0	51	4	Float	Auto, OOS	0.000 ... 22.000	0.000	mA	RO	dyna- mic
reset	COResetBlock		0	52	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dyna- mic
D/A adjust @@	COAdjustment		0	53	1	Unsigned8	Auto, OOS	0 : off 1 : 4 mA value 2 : 20 mA value 3 : calculate	off	-	RW	static
D/A adj. 4mA @@	COAdjustValue4mA_mA		0	54	4	Float	Auto, OOS	-3.500 ... 95.000	4.000	mA	RW	non-vol.
D/A adj. 20mA @@	COAdjustValue20mA_mA		0	55	4	Float	Auto, OOS	-3.500 ... 95.000	20.000	mA	RW	non-vol.
output@@	COTagNumber23		0	83	23	VisibleString	Auto, OOS	23	_____	-	RW	static
mA value	COFixedCurrent_mA		0	84	4	Float	Auto, OOS	0.000 ... 22.000	4.000	mA	RW	static

2.6 Transducer Block (TB)

2.6.1 Instances

Instance	Slot	Index
1	149	0
2	150	0
3	151	0
4	152	0
5	153	0
6	154	0
7	155	0
8	156	0
9	157	0
10	158	0

2.6.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	TBTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
allocation	TBInputSource1		0	29	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 51 : curr out1 61 : analogin out1 62 : analogin out2 63 : analogin out3 64 : analogin out4 65 : analogin out5 66 : analogin out6 67 : analogin out7 68 : analogin out8 69 : analogin out9 70 : analogin out10 71 : analogin out11 72 : analogin out12 73 : analogin out13 74 : analogin out14	none	-	RW	static
								75 : analogin out15 76 : analogin out16 77 : analogin out1 778 : analogin out18 79 : analogin out19 80 : analogin out20				
input1 status	TBInputStatus1		0	31	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
input value 1	TBInputValue1		0	32	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
customer unit	TBUnit16		0	33	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1351 : l/s 1352 : l/min 1353 : l/h 1347 : m3/s 1348 : m3/min 1349 : m3/h 1356 : Ft3/s 1362 : gal/s 1363 : gal/m 1364 : gal/hr 1366 : mgal/d 1367 : igal/s 1368 : igal/m 1369 : igal/h 1355 : Ml/day 1521 : Ml/h 1522 : Ml/min 1523 : Ml/s 1478 : iMgal/day 1001 : °C 1002 : °F 1211 : mA 1996 : Ml 1042 : ln 1524 : us mgal 1051 : barrels 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
time interval	TBSaveInterval1_s		0	34	2	Unsigned16	Auto, OOS	1 ... 65535	1	s	RW	static
reset	TBResetBlock		0	35	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dyna- mic

2.7 Analog Input Block (AI)

2.7.1 Instances

Instance	Slot	Index
1	1	16
2	2	16
3	3	16
4	4	16
5	5	16
6	6	16
7	7	16
8	8	16
9	9	16
10	10	16
11	11	16
12	12	16
13	13	16
14	14	16
15	15	16
16	16	16
17	17	16
18	18	16
19	19	16
20	20	16

2.7.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value	AIOutValue	OXA02	0	15	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	0.00000	-	RW	dyna-mic
status	AIOutStatus	OXA02	0	15	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna-mic
Target Mode	AITargetMode		0	21	1	Unsigned8	Auto, OOS	8 : auto 16 : manual 128 : out of service	auto	-	RW	static
position vessel	AILinType		0	29	1	Unsigned8	Auto, OOS	0 ... 0	0	-	RW	static
Channel	AIPBChannel		0	30	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	static
PV F time	AIPvFtime		0	32	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	0.00000	-	RW	static
FsafeType	AIFsafeType		0	33	1	Unsigned8	Auto, OOS	0 ... 2	1	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
failsafe value	AlFsafeValue		0	34	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	0.00000	-	RW	static
hysteresis	AlAlarmHys		0	35	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	0.00000	-	RW	static
Hi Hi lim	AlHiHiLim		0	37	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	999999.00000	-	RW	static
Hi lim	AlHiLim		0	39	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	999999.00000	-	RW	static
Lo lim	AlLoLim		0	41	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	-999999.00000	-	RW	static
Lo Lo lim	AlLoLoLim		0	43	4	Float	Auto, OOS	-999999.00000 ... 999999.00000	-999999.00000	-	RW	static
out unit text	AlOutUnitText		0	51	16	VisibleString	Auto, OOS	16	-	-	RW	static
View1	AlView1		0	61	18	VisibleString	Auto, OOS	18	-	-	RO	dynamic
reset	AlResetBlock		0	84	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
measured value@@	AllInputSource	OXA02	0	85	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1 30201 : level 2 30202 : level 3 30203 : level 4 30204 : level 5 30205 : level 6 30206 : level 7 30207 : level 8 30208 : level 9 30209 : level 10 24 : sum 1 25 : sum 2 26 : sum 3 27 : average 1 28 : average 2 29 : average 3 30 : sum 1 31 : sum 2 32 : sum 3 33 : sum 4 34 : sum 5 35 : average 1 36 : average 2 37 : average 3 38 : average 4 39 : average 5 40 : temp. sensor 1 41 : temp. sensor 2 42 : temp. sensor 3 43 : temp. sensor 4 44 : temp. sensor 5 45 : temp. sensor 6 46 : temp. sensor 7 47 : temp. sensor 8 48 : temp. sensor 9 49 : temp. sensor10 50 : dist. sensor 1 51 : dist. sensor 2 52 : dist. sensor 3 53 : dist. sensor 4 54 : dist. sensor 5 55 : dist. sensor 6 56 : dist. sensor 7 57 : dist. sensor 8 58 : dist. sensor 9 59 : dist. sensor10	none	-	RW	static

2.8 System Block (SY)

2.8.1 Instances

Instance	Slot	Index
1	42	0

2.8.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	SYTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
sync delay	SYSynchronisationDelay_ms	S0040	0	29	2	Unsigned16	Auto, OOS	0 ... 65000	0	ms	RW	static
sync alarm	SYSynchronisationAlarm	S0140	0	30	1	Unsigned8	Auto, OOS	0 : on 1 : off	off	-	RW	static
sync alarm delay	SYSyncAlarmDelay_ms	S0040	0	31	2	Unsigned16	Auto, OOS	3000 ... 32000	3000	ms	RW	static
reset	SYResetBlock		0	32	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

2.9 External Temperature Block (XT)

2.9.1 Instances

Instance	Slot	Index
1	64	0
2	65	0

2.9.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	XTTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
sensor type	XTInput		0	29	1	Unsigned8	Auto, OOS	0 : no sensor 1 : FMT131 2 : PT100	no sensor	-	RW	static
temperature unit	XTTemperatureUnit16		0	30	2	Unsigned16	Auto, OOS	1001 : °C 1002 : °F	°C	-	RO	non-vol.
value at warning	XTTempValueOnWarning		0	31	2	Integer16	Auto, OOS	-237 ... 1000	20	XTTemperatureUnit16	RW	static
error handling	XTOutputOnTempSensDefect		0	32	1	Unsigned8	Auto, OOS	0 : alarm 1 : warning	alarm	-	RW	static
max. value	XTMaxMeasuredTemp_DegC		0	33	4	Float	Auto, OOS	-273.0 ... 1000.0	-273.0	XTTemperatureUnit16	RO	non-vol.
min. value	XTMinMeasuredTemp_DegC		0	34	4	Float	Auto, OOS	-273.0 ... 1000.0	1000.0	XTTemperatureUnit16	RO	non-vol.
reset	XTClearMinMaxMeasTemp		0	35	1	Unsigned8	Auto, OOS	0 : keep 1 : erase 2 : reset min. 3 : reset max.	keep	-	RW	dynamic
output status	XTExternalTempStatus		0	37	1	Unsigned8	Auto, OOS	0 ... 255	128	-	RO	dynamic
actual value	XTExternalTempValue		0	38	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	XTTemperatureUnit16	RO	dynamic
reset	XTResetBlock		0	42	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
output value	XTEternalRawTempValue		0	43	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	XTTemperature Unit16	RO	dynamic

2.10 Binary Input Block (BI)

2.10.1 Instances

Instance	Slot	Index
1	66	0
2	67	0
3	68	0
4	69	0
5	70	0
6	71	0
7	72	0
8	73	0
9	74	0
10	75	0
11	76	0
12	77	0
13	78	0
14	79	0
15	80	0
16	81	0
17	82	0
18	83	0
19	84	0
20	85	0

2.10.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	BITargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
invert	BIInverting		0	30	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	non-vol.
reset	BIResetBlock		0	35	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

2.11 UG Block (UG)

2.11.1 Instances

Instance	Slot	Index
1	43	0

2.11.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	UGTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
reset	UGResetBlock		0	38	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

2.12 Ultrasonic Sensor Block (US)

2.12.1 Instances

Instance	Slot	Index
1	44	0
2	46	0
3	48	0
4	50	0
5	52	0
6	54	0
7	56	0
8	58	0
9	60	0
10	62	0

2.12.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	USTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
sensor operation	USOperationMode	DX018	0	29	1	Unsigned8	Auto, OOS	0 : on 1 : hold 2 : off	on	-	RW	static
sensor selection	USSensorDetectionMode	LX009	0	30	2	Unsigned16	Auto, OOS	0 : automatic 1 : FDU80 2 : FDU80F 3 : FDU81 4 : FDU81F 5 : FDU82 6 : FDU83 7 : FDU84 8 : FDU85 9 : FDU86 10 : FDU91 11 : FDU 91F 12 : FDU 92 13 : FDU 93 14 : FDU 95NT 15 : FDU 95HT 16 : FDU 96	automatic	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
detected	USIdentifiedSensorType	LX003	0	31	2	Unsigned16	Auto, OOS	0 : automatic 1 : FDU80 2 : FDU80F 3 : FDU81 4 : FDU81F 5 : FDU82 6 : FDU83 7 : FDU84 8 : FDU85 9 : FDU86 10 : FDU91 11 : FDU 91F 12 : FDU 92 13 : FDU 93 14 : FDU 95NT 15 : FDU 95HT 16 : FDU 96 17 : no sensor 18 : service sensor 200 : no sens. recog	automatic	-	RO	dyna- mic
tank shape	USTankShapeWithOpenLevel	LX00A	0	32	2	Unsigned16	Auto, OOS	0 : dome ceiling 20 : horizontal cyl 2 : bypass 3 : stilling well 4 : flat ceiling 5 : sphere 6 : no ceiling	flat ceiling	-	RW	static
medium property	USMediumProperty	LX00B	0	33	1	Unsigned8	Auto, OOS	0 : liquid 1 : paste like 2 : solid<4mm 3 : solid>4mm 4 : unknown	liquid	-	RW	static
process cond.	USProcessCondLiquidSolid	LX00C	0	34	1	Unsigned8	Auto, OOS	0 : standard liq. 1 : calm surface 2 : turb. surface 3 : add. agitator 4 : fast change 5 : standard solid 6 : solid dusty 7 : conveyor belt 8 : test:no filter	calm surface	-	RW	static
sensor @@	USAWPStatus	IX405	0	35	1	Unsigned8	Auto, OOS	0 : not modified 1 : modified	not modified	-	RO	non-vol.
check distance	USCheckDistance	LX00B	0	36	2	Unsigned16	Auto, OOS	0 : distance = ok 1 : dist.too small 2 : dist. too big 3 : dist. unknown 240 : manual	distance = ok	-	RW	dyna- mic
range of mapping	USMapRecordDistance_mm	LX00B	0	37	4	Float	Auto, OOS	0.000 ... MaxEmpty_mm	0.000	USDi- stanc eUnit 16	RW	dyna- mic
start mapping	USRecordMapToDo	LX116	0	38	2	Unsigned16	Auto, OOS	0 : no 1 : yes	no	-	RW	dyna- mic
status	USActivateClearMap	LX00D	0	39	2	Unsigned16	Auto, OOS	0 : disable map 1 : enable map 2 : delete mapping	disable map	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
sim distance	USSimDistanceMode	S0107	0	40	1	Unsigned8	Auto, OOS	0 : sim. off 1 : sim. distance	sim. off	-	RW	static
sim value	USSimDistanceValue_mm	S0007	0	41	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	USDistanceUnit16	RW	static
distance unit	USDistanceUnit16		0	42	2	Unsigned16	Auto, OOS	1010 : m 1018 : ft 1013 : mm 1019 : inch	m	-	RW	static
act. distance@@	USSensorValue_mm	LX00B	0	45	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	USDistanceUnit16	RO	dynamic
act. distance@@	USSensorValueDebug_mm		0	48	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	USDistanceUnit16	RO	dynamic
saf. dist. sen@@	USSafetyDistance_mm	AX104	0	49	4	Float	Auto, OOS	0.000 ... MaxEmpty_mm	0.000	USDistanceUnit16	RW	static
in saf.dist. s@@	USInSafetyDistance	AX015	0	50	1	Unsigned8	Auto, OOS	0 : alarm 1 : warning 2 : self holding	warning	-	RW	static
reset sensor @@	USAcknSafetyDistanceAlarm	AX016	0	51	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	dynamic
delay sensor@@	USOnNoEchoDelayTime_s	AX103	0	52	2	Unsigned16	Auto, OOS	0 ... 4000	60	s	RW	static
temp.measurement	USAirTemperatureCalcType		0	53	2	Unsigned16	Auto, OOS	30008 : US-Sensor 30009 : extern. temp. 30010 : extern. temp.2 30011 : avg.USsens/ext 30012 : avg. ext. 2 v.	US-Sensor	-	RW	static
temperature unit	USTemperatureUnit16		0	54	2	Unsigned16	Auto, OOS	1001 : °C 1002 : °F	°C	-	RW	static
act. temperature	USSensorTemperature_DegC	S0005	0	55	4	Float	Auto, OOS	-999999.0 ... 999999.0	-273.0	USTemperatureUnit16	RO	dynamic
ext.temp.inp.src	USExternalTempInputSource		0	56	2	Unsigned16	Auto, OOS	0 : no sensor 1 : ext.T Sensor 1 2 : ext.T Sensor 2	no sensor	-	RW	static
ext. temperature	USExternalTempValue_DegC	S0005	0	59	4	Float	Auto, OOS	-273.0 ... 1000.0	0.0	USTemperatureUnit16	RO	dynamic
max. value	USMaxMeasuredTemp_DegC	S0005	0	60	4	Float	Auto, OOS	-273.0 ... 1000.0	-273.0	USTemperatureUnit16	RO	non-vol.

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
min. value	USMinMeasuredTemp_DegC	S0005	0	61	4	Float	Auto, OOS	-273.0 ... 1000.0	1000.0	USTemperature Unit16	RO	non-vol.
min/maxT reset	USClearMinMaxMeasuredTemp	S0105	0	62	1	Unsigned8	Auto, OOS	0 : keep 1 : erase 2 : reset min. 3 : reset max.	keep	-	RW	dynamic
effective temp	USAirTempValue_DegC	S0005	0	65	4	Float	Auto, OOS	-999999.0 ... 999999.0	-273.0	USTemperature Unit16	RO	dynamic
max.temp. sen. @@	MaxValidSensorTemp_DegC	AX107	0	66	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	USTemperature Unit16	RO	dynamic
overtemp. sen @@	USOnHighMeasuredTemp	AX018	0	67	1	Unsigned8	Auto, OOS	0 : alarm 1 : warning	alarm	-	RW	static
def. temp.sen @@	USOutputOnTempSensDefect	AX017	0	68	1	Unsigned8	Auto, OOS	0 : alarm 1 : warning	alarm	-	RW	static
temp at warn.	USValOnTempSensDef_DegC	S0005	0	69	4	Float	Auto, OOS	-273.0 ... 1000.0	20.0	USTemperature Unit16	RW	static
input	USExtSendImpulseInSource		0	70	2	Unsigned16	Auto, OOS	0 : disabled 30240 : ext. digin 1 30241 : ext. digin 2 30242 : ext. digin 3 30243 : ext. digin 4 30244 : ext. digin 5 30245 : ext. digin 6 30246 : ext. digin 7 30247 : ext. digin 8 30248 : ext. digin 9 30249 : ext. digin 10 30250 : ext. digin 11 30251 : ext. digin 12 30252 : ext. digin 13 30253 : ext. digin 14 30254 : ext. digin 15 30255 : ext. digin 16 30256 : ext. digin 17 30257 : ext. digin 18 30258 : ext. digin 19 30259 : ext. digin 20	disabled	-	RW	static
ext. send ctrl.	USExtSendImpulseCtrl		0	74	1	Unsigned8	Auto, OOS	0 : off 1 : hold 2 : value	off	-	RW	static
distance	USExtSendPulseCtrlVal_mm		0	75	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	USDistance Unit16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
sensor priority	USPriorityLevel	DX106	0	76	1	Unsigned8	Auto, OOS	1 ... 255	1	-	RW	static
recognition man.	USSensorDetectManual-Start		0	77	2	Unsigned16	Auto, OOS	0 : off 1 : start	off	-	RW	dynamic
echo quality@@	USSSignalToNoiseRatio_dB	IX129	0	78	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic
reset	USResetBlock		0	79	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
env. smoothing	SmoothWindowSize_mm	S0003	0	80	4	Float	Auto, OOS	0.0 ... 999999.0	0.0	USDi stU- nitSer vice1 6	RW	static
SG smoothing	SGWindowSize_mm	S0003	0	81	4	Float	Auto, OOS	0.0 ... 999999.0	60.0	USDi stU- nitSer vice1 6	RW	static
env. stat. down	InnovationNeg	S0003	0	82	2	Unsigned16	Auto, OOS	0 ... 32	3	-	RW	static
env. stat. up	InnovationPos	S0003	0	83	2	Unsigned16	Auto, OOS	0 ... 32	3	-	RW	static
weight. curve	WeightingMode	S0104	0	84	2	Unsigned16	Auto, OOS	0 : FMC 1 : FMC rising 2 : FAC 3 : FAC rising 4 : constant 5 : ideal echo crv	FAC	-	RW	static
minimum S/N	MinSN_dB	S0004	0	85	4	Float	Auto, OOS	0.0 ... 120.0	0.0	dB	RW	static
weight. offset	WeightingAdder_dB	S0004	0	86	4	Float	Auto, OOS	0.0 ... 120.0	15.0	dB	RW	static
FAC/FMC scanr.	FacScanRate_mm	S0004	0	87	4	Float	Auto, OOS	0.0 ... 999999.0	200.0	USDi stU- nitSer vice1 6	RW	static
temp.resistor	SensorTempResistance_Ohm	S0005	0	88	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	Ohm	RO	dynamic
dipping dist.	USDistanceForSpeedCorr_mm	S0006	0	89	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDi stU- nitSer vice1 6	RW	dynamic
temp.coefficient	SonicSpeedTCcoef_m_s_sqrtK	S0006	0	90	4	Float	Auto, OOS	1.000000 ... 999999.000000	20.044950	-	RW	static
sonic speed	ActSpeedOfSound_m_s	S0006	0	91	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	m/s	RO	dynamic
unfilt. distance	USUnfilteredSensorValue_mm		0	92	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	USDi stanc eUnit 16	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
echo detec. type	RefineMaxPosMode	S0107	0	93	2	Unsigned16	Auto, OOS	0 : none 1 : parablefit 2 : gravity center 3 : merg. gravity 4 : merging ratio 5 : flank	flank	-	RW	static
parable window	ParableFitWindow_mm	S0007	0	94	4	Float	Auto, OOS	0.000 ... 999999.000	105.000	USDi stU- nitSer vice1 6	RW	static
gravity window	MaxEchoWidthGravity_mm	S0007	0	95	4	Float	Auto, OOS	0.000 ... 999999.000	200.000	USDi stU- nitSer vice1 6	RW	static
min. low pass	FiltKonstMin_s	S0007	0	96	4	Float	Auto, OOS	0.000 ... 3600.000	5.000	s	RW	static
reference dist	ReferenceDistance_mm	S0007	0	97	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDi- stanc eUnit 16	RW	static
ref. window	RefDistanceWindowSize_mm	S0007	0	98	4	Float	Auto, OOS	0.000 ... 999999.000	500.000	USDi stU- nitSer vice1 6	RW	static
first echo sel	FirstEchoMode	S0108	0	99	2	Unsigned16	Auto, OOS	0 : none 1 : fixonweightcrv 2 : fix on maxecho 3 : dyn on maxecho 4 : dist.dependend	dyn on maxecho	-	RW	static
weight.crv.FEF	FirstEchoThreshold_dB	S0008	0	100	4	Float	Auto, OOS	0.0 ... 120.0	20.0	dB	RW	static
max echo FEF	FirstEchoFixFactor_dB	S0008	0	101	4	Float	Auto, OOS	0.0 ... 120.0	30.0	dB	RW	static
FEF	FirstEchoAt0dBEchoAmpl_dB	S0008	0	102	4	Float	Auto, OOS	0.0 ... 120.0	35.0	dB	RW	static
FEF threshold	AmplFor0dBFirstEcho_dB	S0008	0	103	4	Float	Auto, OOS	0.0 ... 120.0	120.0	dB	RW	static
near distance	FirstEchoNearDist_mm	S0008	0	104	4	Float	Auto, OOS	0.000 ... 999999.000	1000.000	USDi- stanc eUnit 16	RW	static
FEF near dist.	FirstEchoFacAtNearDist_dB	S0008	0	105	4	Float	Auto, OOS	0.0 ... 120.0	10.0	dB	RW	static
far distance	FirstEchoFarDist_mm	S0008	0	106	4	Float	Auto, OOS	0.000 ... 999999.000	5000.000	USDi- stanc eUnit 16	RW	static
FEF far dist.	FirstEchoFacAtFarDist_dB	S0008	0	107	4	Float	Auto, OOS	0.0 ... 120.0	30.0	dB	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
present FEF	ActFirstEchoThreshold_dB	S0008	0	108	4	Float	Auto, OOS	0.0 ... 120.0	0.0	dB	RO	dyna- mic
mapping offset	MappingAdder_dB	S0009	0	109	4	Float	Auto, OOS	0.0 ... 120.0	5.0	dB	RW	static
map scanrate	MapWindowSize_mm	S0009	0	110	4	Float	Auto, OOS	0.000 ... 999999.000	180.000	USDi stU- nitSer vice1 6	RW	static
noise recog.	ListeningOn	S010A	0	111	2	Unsigned16	Auto, OOS	0 : no 1 : yes	no	-	RW	static
average noise	NoiseLevelMean_dB	S000A	0	112	4	Float	Auto, OOS	0.0 ... 120.0	0.0	dB	RO	dyna- mic
cycl. time	CycleTime_ms	S000B	0	113	2	Unsigned16	Auto, OOS	0 ... 65000	0	ms	RO	dyna- mic
noise threshold	FillingNoiseThreshold_dB	S000A	0	114	4	Float	Auto, OOS	0.0 ... 120.0	80.0	dB	RW	static
stored sensor	USStoredSensorType	S000B	0	115	2	Unsigned16	Auto, OOS	0 : automatic 1 : FDU80 2 : FDU80F 3 : FDU81 4 : FDU81F 5 : FDU82 6 : FDU83 7 : FDU84 8 : FDU85 9 : FDU86 10 : FDU91 11 : FDU 91F 12 : FDU 92 13 : FDU 93 14 : FDU 95NT 15 : FDU 95HT 16 : FDU 96 17 : no sensor 18 : service sensor	no sensor	-	RO	non- vol.
recog. sensor	USUsedSensor		0	116	2	Unsigned16	Auto, OOS	0 : automatic 1 : FDU80 2 : FDU80F 3 : FDU81 4 : FDU81F 5 : FDU82 6 : FDU83 7 : FDU84 8 : FDU85 9 : FDU86 10 : FDU91 11 : FDU 91F 12 : FDU 92 13 : FDU 93 14 : FDU 95NT 15 : FDU 95HT 16 : FDU 96 17 : no sensor 18 : service sensor	no sensor	-	RO	dyna- mic
recog.resit.val.	SensorTypeResistance_Ohm	S000B	0	117	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	Ohm	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
stat.temp/recog	SpecialMeasGlobalMessage		0	118	2	Integer16	Auto, OOS	-32767 ... 32767	0	-	RO	dyna- mic
service sensor	USSensorDetectUseEESensor	S010B	0	119	2	Unsigned16	Auto, OOS	0 : no 1 : yes	no	-	RW	static
serv.sen.index	EESensorTableIndex	S000B	0	120	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
serv.sen.value	EESensorTableValue	S000B	0	121	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic
blocking dist.	BlockDistance_mm	S000B	0	122	4	Float	Auto, OOS	0.000 ... 999999.000	300.000	USDi- stanc eUnit 16	RW	static
frequency mode	USSendFreqCalculati- onType	S010B	0	123	2	Unsigned16	Auto, OOS	1 ... 3	2	-	RW	static
used frequency	USSendFrequency_Hz	S000B	0	124	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	Hz	RO	dyna- mic
constant freq.	USConstSendFrequency_Hz	S000B	0	125	4	Float	Auto, OOS	1000.0 ... 99999.0	40000.0	Hz	RW	static
reson.stim.freq.	USSendFreqForResonance_ Hz	S000B	0	126	4	Float	Auto, OOS	1000.0 ... 99999.0	20000.0	Hz	RW	static
reson. freq.	USPeakFrequency_Hz	S000B	0	127	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	Hz	RO	dyna- mic
stat.reson.freq	USPeakFrequencyStatus	S000B	0	128	2	Integer16	Auto, OOS	-32767 ... 32767	0	-	RO	dyna- mic
range of map- ping	MapRecordDist_mm	S0009	0	129	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDi- stU- nitSer- vice1 6	RO	dyna- mic
index 190	USDebugMeasurementIn- dex	S000C	0	130	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
value 190	USDebugMeasurementVa- lue	S000C	0	131	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic
index 191	USDebugProcessHkIndex	S000C	0	132	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
value 191	USDebugProcessHkValue	S000C	0	133	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic
index 192	USDebugStatAlgoIndex	S000C	0	134	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
value 192	USDebugStatAlgoValue	S000C	0	135	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic
index 193	USDebugDynAlgoIndex	S000C	0	136	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
value 193	USDebugDynAlgoValue	S000C	0	137	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic
index 194	USDebugPostProcessIndex	S000C	0	138	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	dyna- mic
value 194	USDebugPostProcessValue	S000C	0	139	4	Float	Auto, OOS	-999999.000000 ... 999999.000000	0.000000	-	RW	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
sync. delay time	USSynchronisationDelay_ms		0	140	2	Unsigned16	Auto, OOS	0 ... 65000	0	ms	RW	static
sync alarm	USSynchronisationAlarm		0	141	1	Unsigned8	Auto, OOS	0 : on 1 : off	off	–	RW	static
sync alarm delay	USSyncAlarmDelay_ms		0	142	2	Unsigned16	Auto, OOS	0 ... 65000	3000	ms	RW	static
max meas dist	MaxLevelDistance_mm	S0007	0	143	4	Float	Auto, OOS	0.000 ... 999999.000	100000.000	USDistanceUnit16	RO	dynamic
distance unit	USDistance_I		0	145	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	–	RO	dynamic
empty E	ZeroPointFromLE_FS_mm		0	167	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDistanceUnit16	RW	static
full F	FullFromLE_FS_mm		0	168	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDistanceUnit16	RW	static
zero distance	RealZeroDistance_mm		0	182	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	USDistanceUnitService16	RO	dynamic
pres. amplitude	EchoAbsAmpl_dB	S000D	0	184	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic
ampl. over map.	EchoAmplOverMap_dB	S000D	0	185	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic
amp.ov.weight-crv	EchoAmplOverWC_dB	S000D	0	186	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic
zero distance	ZeroDistance_mm	S000B	0	187	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	USDistanceUnitService16	RW	static
add.sample dist.	AddSampleDistance_mm	S0007	0	188	4	Float	Auto, OOS	-999999.000 ... 999999.000	2000.000	USDistanceUnitService16	RW	static
blocking dist.	BlockDistanceReadonly_mm	LX006	0	189	4	Float	Auto, OOS	0.0 ... 999999.0	300.0	USDistanceUnit16	RO	dynamic
input status	USSimDistanceStatus	S0007	0	190	1	Unsigned8	Auto, OOS	0 ... 255	100	–	RW	non-vol.
ref.dist.ampl	RefDistanceAmplitude_dB	S0007	0	212	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic
RefDistAmplWC	RefDistanceRelAmplitude_dB	S0007	0	213	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
ref.dist.found	RefDistanceFound_mm	S0007	0	214	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	USDi stU- nitSer vice1 6	RO	dyna- mic
delay timer	JumpDelayRemainTime_s	S000E	0	215	4	Float	Auto, OOS	0.0 ... 999999.0	0.0	s	RO	dyna- mic
echo found delay	EchoFoundDelayTime_s	S000E	0	216	2	Unsigned16	Auto, OOS	0 ... 999999	0	s	RW	static
min. jump delay	JumpDelayTimeBase_s	S000E	0	217	2	Unsigned16	Auto, OOS	0 ... 999999	600	s	RW	static
jump delay	JumpDelayTime_slope_mm_s	S000E	0	218	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	USDi stU- nit- Per- SecSe rvice 16	RW	static
echo window	EchoDelayWindowSize_mm	S000E	0	219	4	Float	Auto, OOS	0.0 ... 999999.0	500.0	USDi stU- nitSer vice1 6	RW	static
application par.	USApplicationParameter		0	221	2	Unsigned16	Auto, OOS	0 : not modified 1 : modified	not modi- fied	–	RO	dyna- mic
merg. echo dist	MergingEchoDist_mm	S0007	0	222	4	Float	Auto, OOS	0.000 ... 999999.000	150.000	USDi stU- nitSer vice1 6	RW	static
merging ratio	MergingRatio_perc	S0007	0	223	2	Unsigned16	Auto, OOS	0 ... 100	0	%	RW	static
dead time	ReactionTime_s	S0007	0	224	2	Unsigned16	Auto, OOS	0 ... 16	1	s	RW	static
max. low pass	FiltKonstMax_s	S0007	0	225	4	Float	Auto, OOS	0.000 ... 3600.000	12.000	s	RW	static
delta at min.	InnovAtFiltKonstMax_mm	S0007	0	226	4	Float	Auto, OOS	0.000 ... 999999.000	10.000	USDi stU- nitSer vice1 6	RW	static
detection win- dow	USDetectionWindow	DX106	0	227	2	Unsigned16	Auto, OOS	0 : off 1 : on 2 : reset	off	–	RW	static
max.echo.abs.a mpl	MaxEchoAbsAmpl_dB		0	228	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dyna- mic
max.echo.rel.am p	MaxEchoRelAmpl_dB		0	229	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	dB	RO	dyna- mic

2.13 Level Block (LE)

2.13.1 Instances

Instance	Slot	Index
1	93	0
2	95	0
3	97	0
4	99	0
5	101	0
6	103	0
7	105	0
8	107	0
9	109	0
10	111	0

2.13.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	LETARGETMODE		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
input	LESELECTSENSORINPUT	LX008	0	29	2	Unsigned16	Auto, OOS	0 : no sensor 30210 : sensor 1 30211 : sensor 2 30212 : sensor 3 30213 : sensor 4 30214 : sensor 5 30215 : sensor 6 30216 : sensor 7 30217 : sensor 8 30218 : sensor 9 30219 : sensor 10 11 : sensor 1 debug 12 : sensor 2 debug 13 : sensor 3 debug 14 : sensor 4 debug 15 : sensor 5 debug 16 : sensor 6 debug 17 : sensor 7 debug 18 : sensor 8 debug 19 : sensor 9 debug 20 : sensor10 debug	no sensor	-	RW	static
input status	LESSENSORSTATUS		0	31	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
sensor	LESSENSORVALUE	LX007	0	32	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LESensorUnit16	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
distance unit	LESensorUnit16		0	33	2	Unsigned16	Auto, OOS	1010 : m 1013 : mm 1018 : ft 1019 : inch 1211 : mA 1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1138 : mbar 1137 : bar 1149 : mm H2O 1152 : Ft H2O 1146 : In H2O 1130 : Pa 1136 : hPa 1133 : kPa 1132 : M PA 1141 : psi 1157 : mm Hg 1155 : In Hg 1139 : torr 1144 : g/cm 1145 : kg/cm 1140 : atm 1249 : pF 1248 : nF 1997 : 1995 : customer spec.	m	-	RO	dyna- mic
correction	LESensorOffset	LX017	0	34	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LESe nsorU nit16	RW	static
empty E	LEEmptyValue	LX005	0	35	4	Float	Auto, OOS	LEERMinCalibration ... LEERMaxCalibration	100000.0 00	LESe nsorU nit16	RW	static
full F	LEFullValue	LX006	0	36	4	Float	Auto, OOS	LEERMinCalibration ... LEERMaxCalibration	100000.0 00	LESe nsorU nit16	RW	static
unit level	LELevelUnit16	LX00C	0	37	2	Unsigned16	Auto, OOS	1010 : m 1013 : mm 1018 : ft 1019 : inch 1342 : %	%	-	RW	static
cap. empty	LECalPointLow	LX00C	0	38	4	Float	Auto, OOS	LEERMinCalibration ... LEERMaxCalibration	100000.0 00	LESe nsorU nit16	RW	static
cap. full	LECalPointHigh	LX00D	0	39	4	Float	Auto, OOS	LEERMinCalibration ... LEERMaxCalibration	0.000	LESe nsorU nit16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value empty	LELevelLow	LX00C	0	40	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LELevelUnit16	RW	static
value full	LELevelHigh	LX00D	0	41	4	Float	Auto, OOS	-999999.000 ... 999999.000	100000.000	LELevelUnit16	RW	static
output status	LELevelStatus		0	43	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
level@@	LELevelValue	LX007	0	44	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	LELevelUnit16	RO	dynamic
offset	LELevelOffset	LX018	0	45	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LELevelUnit16	RW	static
type	LELinearisation	LX00D	0	46	1	Unsigned8	Auto, OOS	0 : none 1 : linear 20 : horizontal cyl 3 : sphere 4 : pyramid bottom 5 : conical bottom 6 : angled bottom 7 : table	none	-	RW	static
customer unit	LECustomerUnit16	LX008	0	47	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RW	static
customized text	LELinUnitText	LX008	0	48	5	VisibleString	Auto, OOS	5	—	-	RW	static
distance unit	LEDistanceUnit16		0	50	2	Unsigned16	Auto, OOS	1010 : m 1018 : ft 1013 : mm 1019 : inch	m	-	RW	static
diameter	LELinTankDiameter	LX008	0	51	4	Float	Auto, OOS	0.000 ... 999999.000	5000.000	LEDistanceUnit16	RW	static
intermed. height	LELinIntermediateLength	LX008	0	52	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LEDistanceUnit16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
max. scale	LELinMaxVolume	LX008	0	53	4	Float	Auto, OOS	-999999.000 ... 999999.000	100.000	LECu stome rUnit 16	RW	static
edit	LEEdit	LX00D	0	54	1	Unsigned8	Auto, OOS	0 : read 240 : manual 241 : semi-automatic 3 : delete	read	-	RW	static
status table	LEStatusTable	LX00D	0	55	1	Unsigned8	Auto, OOS	0 : enabled 1 : disabled	disabled	-	RW	static
table no.	LETabNumber		0	56	2	Unsigned16	Auto, OOS	1 ... 32	1	-	RW	non-vol.
input level	LEInputLevelManual		0	57	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	dyna- mic
input volume	LEInputVolume		0	58	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	dyna- mic
input level	LEInputLevelManual0	LX00C	0	59	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual1	LX00C	0	60	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual2	LX00C	0	61	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual3	LX00C	0	62	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual4	LX00C	0	63	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual5	LX00C	0	64	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual6	LX00C	0	65	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual7	LX00C	0	66	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual8	LX00C	0	67	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual9	LX00C	0	68	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static
input level	LEInputLevelManual10	LX00C	0	69	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELe- velUn it16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input level	LEInputLevelManual11	LX00C	0	70	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual12	LX00C	0	71	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual13	LX00C	0	72	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual14	LX00C	0	73	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual15	LX00C	0	74	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual16	LX00C	0	75	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual17	LX00C	0	76	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual18	LX00C	0	77	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual19	LX00C	0	78	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual20	LX00C	0	79	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual21	LX00C	0	80	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual22	LX00C	0	81	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual23	LX00C	0	82	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual24	LX00C	0	83	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual25	LX00C	0	84	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual26	LX00C	0	85	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual27	LX00C	0	86	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input level	LEInputLevelManual28	LX00C	0	87	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual29	LX00C	0	88	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual30	LX00C	0	89	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input level	LEInputLevelManual31	LX00C	0	90	4	Float	Auto, OOS	-999999.000 ... 100000.000	0.000	LELevelUnit16	RW	static
input volume	LEInputVolume0	LX00C	0	91	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume1	LX00C	0	92	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume2	LX00C	0	93	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume3	LX00C	0	94	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume4	LX00C	0	95	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume5	LX00C	0	96	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume6	LX00C	0	97	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume7	LX00C	0	98	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume8	LX00C	0	99	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume9	LX00C	0	100	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input volume	LEInputVolume10	LX00C	0	101	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume11	LX00C	0	102	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume12	LX00C	0	103	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume13	LX00C	0	104	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume14	LX00C	0	105	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume15	LX00C	0	106	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume16	LX00C	0	107	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume17	LX00C	0	108	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume18	LX00C	0	109	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume19	LX00C	0	110	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume20	LX00C	0	111	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume21	LX00C	0	112	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume22	LX00C	0	113	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input volume	LEInputVolume23	LX00C	0	114	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume24	LX00C	0	115	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume25	LX00C	0	116	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume26	LX00C	0	117	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume27	LX00C	0	118	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume28	LX00C	0	119	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume29	LX00C	0	120	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume30	LX00C	0	121	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
input volume	LEInputVolume31	LX00C	0	122	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LECu stome rUnit 16	RW	static
mode	LESelectUllageMode	LX008	0	123	2	Unsigned16	Auto, OOS	30001 : level 30000 : ullage	level	-	RW	static
level@@	LESelectErrorHandling	AX102	0	124	1	Unsigned8	Auto, OOS	0 : hold 1 : ramp %/min 2 : customer spec. 3 : alarm	hold	-	RW	static
value level@@	LEValueErrorConstant	AX102	0	125	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LEOu tput- Value Unit1 6	RW	static
ramp level@@	LEValueErrorRamp	AX102	0	126	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	%/ min	RW	static
noise fill. ramp	LEValueNoiseFillingRamp	S0010	0	127	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	%/ min	RW	static
simulation	LESelectSimulationMode	LX00D	0	128	1	Unsigned8	Auto, OOS	0 : sim. off 1 : sim. level 2 : sim. volume	sim. off	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
sim. level value	LESimulationValueLevel	LX022	0	129	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LELevelUnit16	RW	non-vol.
sim. vol. value	LESimulationValueVolume	LX022	0	130	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LEOutput-ValueUnit16	RW	non-vol.
output status	LEVVolumeStatus		0	132	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
level@@	LEVVolumeValue		0	133	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	LEOutput-ValueUnit16	RO	dynamic
max. value	LEMaxMeasuredVolume	IX302	0	134	4	Float	Auto, OOS	-999999.0 ... 999999.0	-999999.0	LEOutput-ValueUnit16	RO	non-vol.
min. value	LEMinMeasuredVolume	IX302	0	135	4	Float	Auto, OOS	-999999.0 ... 999999.0	999999.0	LEOutput-ValueUnit16	RO	non-vol.
reset level@@	LEClearMinMaxMeasured-Vol	IX304	0	136	1	Unsigned8	Auto, OOS	0 : keep 1 : erase 2 : reset min. 3 : reset max.	keep	-	RW	dynamic
max. fill. speed	LEPosSpeedLimit	S0010	0	137	4	Float	Auto, OOS	0.000 ... 999999.000	0.000	%/min	RW	static
max. drain speed	LENegSpeedLimit	S0010	0	138	4	Float	Auto, OOS	-999999.000 ... 0.000	0.000	%/min	RW	static
input 1	LESelectFirstDigitalInput		0	139	2	Unsigned16	Auto, OOS	0 : disabled 30240 : ext. digin 1 30241 : ext. digin 2 30242 : ext. digin 3 30243 : ext. digin 4 30244 : ext. digin 5 30245 : ext. digin 6 30246 : ext. digin 7 30247 : ext. digin 8 30248 : ext. digin 9 30249 : ext. digin 10 30250 : ext. digin 11 30251 : ext. digin 12 30252 : ext. digin 13 30253 : ext. digin 14 30254 : ext. digin 15 30255 : ext. digin 16 30256 : ext. digin 17 30257 : ext. digin 18 30258 : ext. digin 19 30259 : ext. digin 20	disabled	-	RW	static
input 1	LEFirstDigInputStatus		0	141	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input 1	LEFirstDigInputValue		0	142	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
function	LESelectFirstSwitchMode	LX00D	0	143	1	Unsigned8	Auto, OOS	0 : off 1 : Min (0%) 2 : Max (100%) 3 : hold 4 : customer spec.	off	-	RW	static
value	LEFirstSwitchValue		0	144	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LELevelUnit16	RW	static
input 2	LESelectSecondDigInput		0	145	2	Unsigned16	Auto, OOS	0 : disabled 30240 : ext. digin 1 30241 : ext. digin 2 30242 : ext. digin 3 30243 : ext. digin 4 30244 : ext. digin 5 30245 : ext. digin 6 30246 : ext. digin 7 30247 : ext. digin 8 30248 : ext. digin 9 30249 : ext. digin 10 30250 : ext. digin 11 30251 : ext. digin 12 30252 : ext. digin 13 30253 : ext. digin 14 30254 : ext. digin 15 30255 : ext. digin 16 30256 : ext. digin 17 30257 : ext. digin 18 30258 : ext. digin 19 30259 : ext. digin 20	disabled	-	RW	static
input 2	LESecondDigInputStatus		0	147	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
input 2	LESecondDigInputValue		0	148	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
function	LESelectSecondSwitch-Mode		0	149	1	Unsigned8	Auto, OOS	0 : off 1 : Min (0%) 2 : Max (100%) 3 : hold 4 : customer spec.	off	-	RW	static
value	LESecondSwitchValue		0	150	4	Float	Auto, OOS	-999999.000 ... 999999.000	100.000	LELevelUnit16	RW	static
limitation	LESelectLimiterMode	LX00D	0	151	1	Unsigned8	Auto, OOS	0 : off 1 : low limit 2 : high limit 3 : low/high limit	low limit	-	RW	static
upper limit	LEUpperLimiterValue	LX019	0	152	4	Float	Auto, OOS	-999999.000 ... 999999.000	5000.000	LELevelUnit16	RW	static
lower limit	LELowerLimiterValue	LX019	0	153	4	Float	Auto, OOS	-999999.000 ... 999999.000	0.000	LELevelUnit16	RW	static
reset	LEResetBlock		0	154	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
customer unit	LEOutputValueUnit16		0	155	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RW	static

2.14 Sum Block (SV)

2.14.1 Instances

Instance	Slot	Index
1	115	0
2	116	0
3	117	0

2.14.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	SVTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	–	RW	non-vol.
reset	SVResetBlock		0	29	2	Unsigned16	Auto, OOS	0 ... 65535	0	–	RW	dynamic
output	SVInput1Source		0	31	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1	none	–	RW	static
input1 status	SVInput1Status		0	33	1	Unsigned8	Auto, OOS	0 ... 255	0	–	RO	dynamic
value 1	SVInput1Value		0	34	4	Float	Auto, OOS	–999999.0 ... 999999.0	0.0	SVInput1Unit16	RO	dynamic
input1 unit	SVInput1Unit16		0	35	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	–	RO	dynamic
level 1	SVInput1Enable	DXB14	0	36	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	–	RW	static
output	SVInput2Source		0	37	2	Unsigned16	Auto, OOS	0 : none 30201 : level 2	none	–	RW	static
input1 status	SVInput2Status		0	39	1	Unsigned8	Auto, OOS	0 ... 255	0	–	RO	dynamic
value 1	SVInput2Value		0	40	4	Float	Auto, OOS	–999999.0 ... 999999.0	0.0	SVInput2Unit16	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input1 unit	SVInput2Unit16		0	41	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 2	SVInput2Enable	DXB24	0	42	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SVInput3Source		0	43	2	Unsigned16	Auto, OOS	0 : none 30202 : level 3	none	-	RW	static
input1 status	SVInput3Status		0	45	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 1	SVInput3Value		0	46	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SVInp ut3U nit16	RO	dyna- mic
input1 unit	SVInput3Unit16		0	47	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 3	SVInput3Enable	OXA02	0	48	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SVInput4Source		0	49	2	Unsigned16	Auto, OOS	0 : none 30203 : level 4	none	-	RW	static
input1 status	SVInput4Status		0	51	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 1	SVInput4Value		0	52	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SVInp ut4U nit16	RO	dyna- mic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input1 unit	SVInput4Unit16		0	53	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 4	SVInput4Enable	OXA02	0	54	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	SVInput5Source		0	55	2	Unsigned16	Auto, OOS	0 : none 30204 : level 5	none	-	RW	static
input1 status	SVInput5Status		0	57	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dyna- mic
value 1	SVInput5Value		0	58	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	SVInp ut5U nit16	RO	dyna- mic
input1 unit	SVInput5Unit16		0	59	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dyna- mic
level 5	SVInput5Enable	OXA02	0	60	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

2.15 Average Block (AV)

2.15.1 Instances

Instance	Slot	Index
1	118	0
2	119	0
3	120	0

2.15.2 Structure

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
Target Mode	AVTargetMode		0	5	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RW	non-vol.
reset	AVResetBlock		0	29	2	Unsigned16	Auto, OOS	0 ... 65535	0	-	RW	dynamic
output	AVInput1Source		0	31	2	Unsigned16	Auto, OOS	0 : none 30200 : level 1	none	-	RW	static
input1 status	AVInput1Status		0	33	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AVInput1Value		0	34	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AVInput1Unit16	RO	dynamic
input1 unit	AVInput1Unit16		0	35	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 1	AVInput1Enable	OXA02	0	36	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AVInput2Source		0	37	2	Unsigned16	Auto, OOS	0 : none 30201 : level 2	none	-	RW	static
input1 status	AVInput2Status		0	39	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
value 1	AVInput2Value		0	40	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AVInput2 Unit16	RO	dynamic
input1 unit	AVInput2Unit16		0	41	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 2	AVInput2Enable	OXA02	0	42	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AVInput3Source		0	43	2	Unsigned16	Auto, OOS	0 : none 30202 : level 3	none	-	RW	static
input1 status	AVInput3Status		0	45	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AVInput3Value		0	46	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AVInput3 Unit16	RO	dynamic
input1 unit	AVInput3Unit16		0	47	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 3	AVInput3Enable	OXA02	0	48	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AVInput4Source		0	49	2	Unsigned16	Auto, OOS	0 : none 30203 : level 4	none	-	RW	static

Parameter Text	Variable Name	Position Indicator	Slot (relative)	Index (absolute)	Size [bytes]	Type	Changeable in Mode	Range	Default	Unit	Access	Storage Class
input1 status	AVInput4Status		0	51	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AVInput4Value		0	52	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AVInput4Unit16	RO	dynamic
input1 unit	AVInput4Unit16		0	53	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 4	AVInput4Enable	OXA02	0	54	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static
output	AVInput5Source		0	55	2	Unsigned16	Auto, OOS	0 : none 30204 : level 5	none	-	RW	static
input1 status	AVInput5Status		0	57	1	Unsigned8	Auto, OOS	0 ... 255	0	-	RO	dynamic
value 1	AVInput5Value		0	58	4	Float	Auto, OOS	-999999.0 ... 999999.0	0.0	AVInput5Unit16	RO	dynamic
input1 unit	AVInput5Unit16		0	59	2	Unsigned16	Auto, OOS	1342 : % 1038 : l 1041 : hl 1034 : m3 1035 : dm3 1036 : cm3 1043 : ft3 1048 : usgal 1049 : i gal 1088 : kg 1092 : t 1094 : lb 1095 : ton 1010 : m 1018 : ft 1013 : mm 1019 : inch 1997 : 1995 : customer spec.	%	-	RO	dynamic
level 5	AVInput5Enable	OXA02	0	60	1	Unsigned8	Auto, OOS	0 : no 1 : yes	no	-	RW	static

www.endress.com/worldwide

Endress+Hauser 
People for Process Automation

BA00346F/00/EN/13.12
71164429
CCS/FM 9.0

