

Special Documentation

Event list / HistoROM

pressure measurement

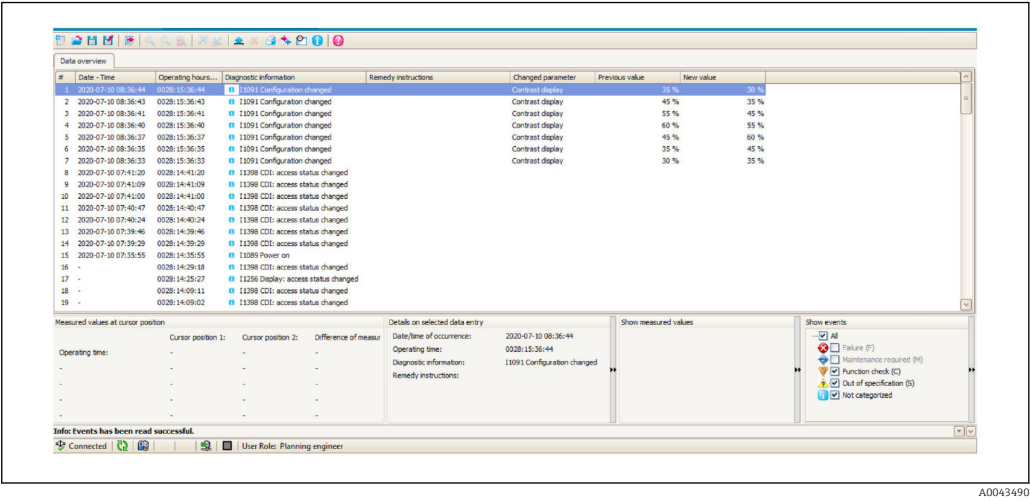
1 Introduction

Most devices contain a HistoROM module in which events like diagnostic messages and parameter changes are stored (event logging).

If the device support "Extended HistoROM", it is possible to store measured values at regular intervals (data logging).

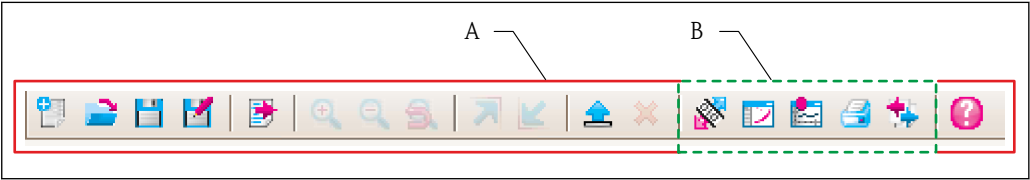
The "Event list / HistoROM" module helps to visualize and analyze the data stored in the HistoROM.

2 The user interface



A0043490

2.1 The toolbar



A0019829

The toolbar contains icons for the HistoROM tools (A) and quick-start icons for other device-dependent functions (B).

Description of the icons for the HistoROM tools

Icon	Function
Opening and saving parameter lists	
 A0020050	New Delete event list and measured values in DTM.
 A0020052	Open Open saved event list and measured values.
 A0020053	Save Save event list and measured values in project.
 A0020054	Save as Save event list and measured values under new name in project.
 A0020055	Export Export event list and measured values to an external file (*.xls).
Scaling the diagram and navigating within the diagram	
 A0020056	Zoom in Zoom in the selected axis horizontally or vertically .
 A0020057	Zoom out Zoom out the selected axis horizontally or vertically .

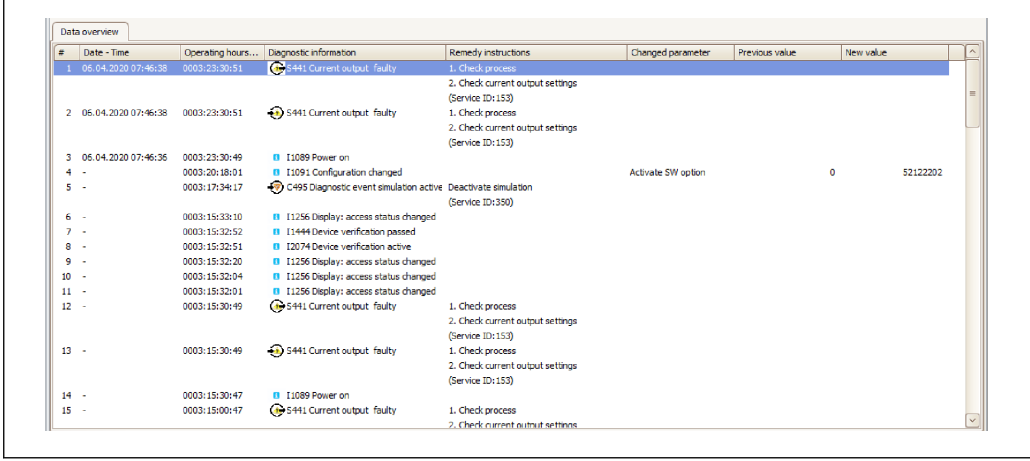
Icon	Function
 A0020058	Reset zoom range Reset zoom range of the selected axis to its default value
 A0020059	Navigate forwards Navigate forwards within the selected axis horizontally or vertically .
 A0020060	Navigate backwards Navigate backwards within the selected axis horizontally or vertically .
Reading data from the device	
 A0020018	Read Read in events and measured values from the device.
 A0020061	Cancel Discontinue reading in events and measrued values; only available if data are currently being read from the device.
Online help	
 A0020049	Help Open the online help.

2.2 The data window

The event list can be displayed in the "data overview" window with the help of the proper filters:

- Failure events (F)
- Maintenance request events (M)
- Function check events (C)
- Out of specification events (S)
- Not categorized events

2.2.1 Data overview



#	Date - Time	Operating hours...	Diagnostic information	Remedy instructions	Changed parameter	Previous value	New value
1	06.04.2020 07:46:38	0003:23:30:51	5441 Current output faulty	1. Check process 2. Check current output settings (Service ID:153)			
2	06.04.2020 07:46:38	0003:23:30:51	5441 Current output faulty	1. Check process 2. Check current output settings (Service ID:153)			
3	06.04.2020 07:46:36	0003:23:30:49	I1089 Power on				
4	-	0003:20:18:01	I1091 Configuration changed		Activate SW option	0	52122202
5	-	0003:17:54:17	C495 Diagnostic event simulation active	Deactivate simulation (Service ID:350)			
6	-	0003:15:32:10	I1256 Display: access status changed				
7	-	0003:15:32:52	I1444 Device verification passed				
8	-	0003:15:32:51	I2074 Device verification active				
9	-	0003:15:32:20	I1256 Display: access status changed				
10	-	0003:15:32:04	I1256 Display: access status changed				
11	-	0003:15:32:01	I1256 Display: access status changed				
12	-	0003:15:30:49	5441 Current output faulty	1. Check process 2. Check current output settings (Service ID:153)			
13	-	0003:15:30:49	5441 Current output faulty	1. Check process 2. Check current output settings (Service ID:153)			
14	-	0003:15:30:47	I1089 Power on				
15	-	0003:15:00:47	5441 Current output faulty	1. Check process 2. Check current output settings			

A0042595

1 Data overview

The data overview displays the events in a list ordered according to date and time.

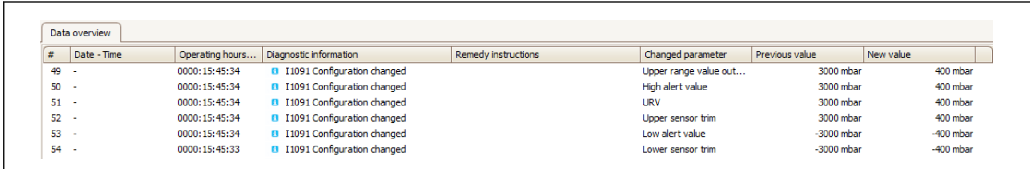
Devices without internal real time clock: Date and time are only displayed since the last startup ("Power On"). Some entries are therefore marked with "-" in the "Data overview".

Not categorized events: Configuration changed

All static parameter changes are recorded and displayed.

For numerical and selection parameters, the previous and new values are always displayed.

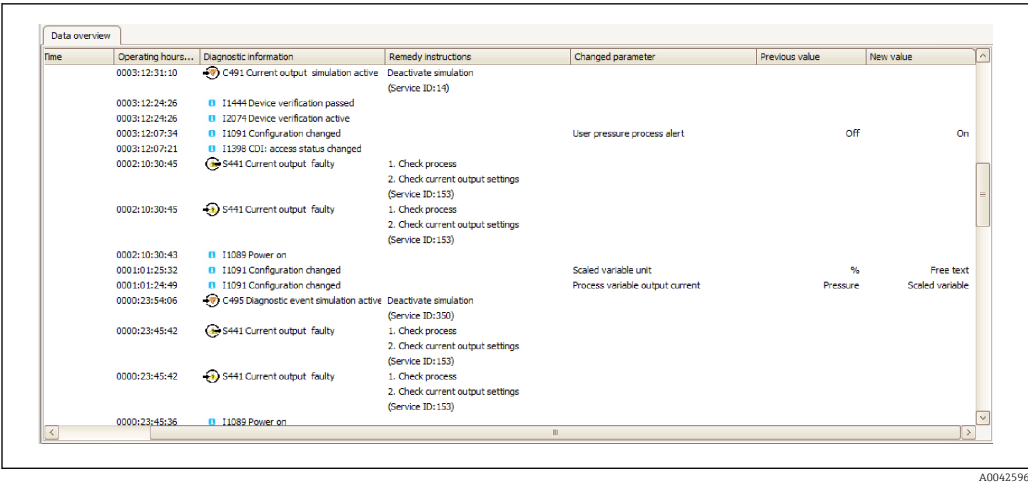
Exception: String Parameter (measuring point name / tag name)



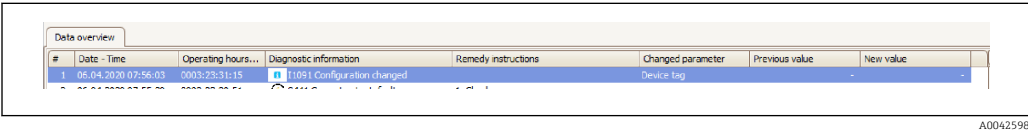
#	Date - Time	Operating hours...	Diagnostic information	Remedy instructions	Changed parameter	Previous value	New value
49	-	0000:15:45:34	I1091 Configuration changed		Upper range value out...	3000 mbar	400 mbar
50	-	0000:15:45:34	I1091 Configuration changed		High alert value	3000 mbar	400 mbar
51	-	0000:15:45:34	I1091 Configuration changed		LRV	3000 mbar	400 mbar
52	-	0000:15:45:34	I1091 Configuration changed		Upper sensor trim	3000 mbar	400 mbar
53	-	0000:15:45:34	I1091 Configuration changed		Low alert value	-3000 mbar	-400 mbar
54	-	0000:15:45:33	I1091 Configuration changed		Lower sensor trim	-3000 mbar	-400 mbar

A0042597

2 Numerical parameters

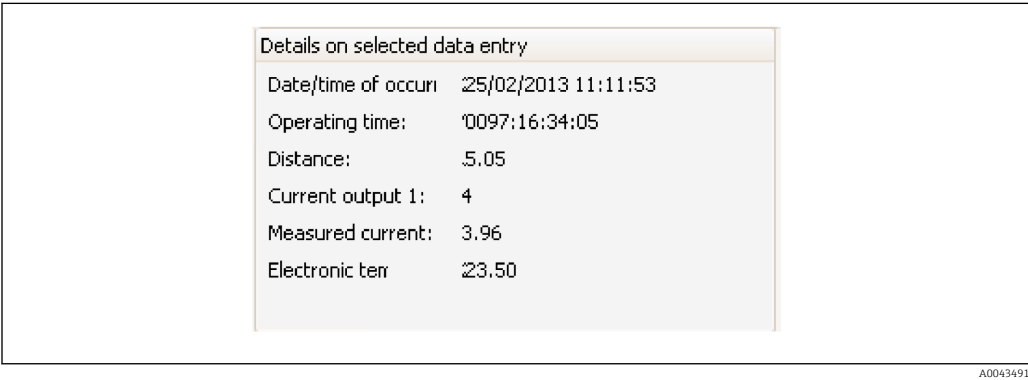


3 Selection parameters



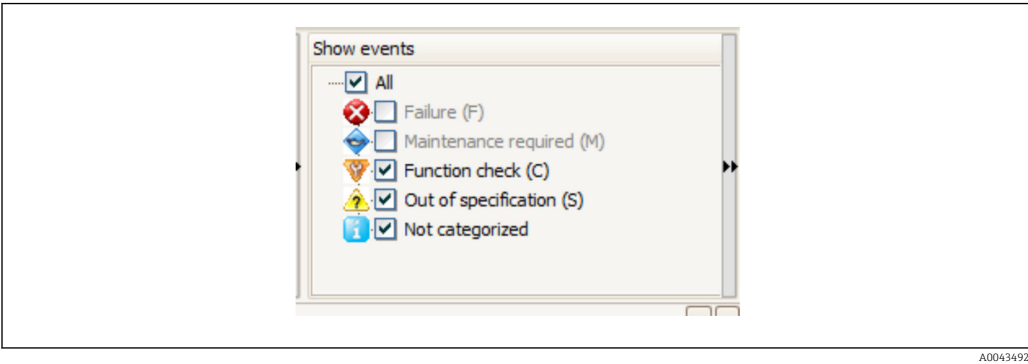
4 String Parameter (measuring point name / tag name)

2.3 The "Details on selected data entry" window



In order to get more information on a specific data point, mark it in the **Data overview** window. Details on the selected entry are then displayed in the **Details on selected data entry** window.

2.4 The "Show events" selection window



Use the **Show events** window in order to define which types of events are included in the list. According to NE107, each event is allocated to one of the following categories:

- Failure (**F**)
- Maintenance required (**M**)
- Function check (**C**)
- Out of specification (**S**)
- Not categorized



71490683

www.addresses.endress.com
