



Certificate of Compliance

Certificate: 2551823

Master Contract: 160686

Project: 80069906

Date Issued: 2021-07-27

Issued To: Endress + Hauser Flowtec AG
Kagenstrasse 7
Reinach., Basel-Country, 4153
Switzerland

Attention: Daniel Bosshard

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: *Anil Sodhi*
Anil Sodhi

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

CLASS 2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Division 2, Groups A, B, C and D:

Product	<p>Proline Promag 400 Magnetic-inductive flow measuring system; compact version (single board version) providing exciter coil circuits and non-incendive electrode circuits to Integral Sensor Model Promag W, L, D.</p> <p>Proline Promag W 400, Model 5W4Bbb-ccdefMhiklllmn+### and O5W4Bbb-ccdefMhiklllmnp + ###</p> <p>Proline Promag L 400, Model 5L4Bbb-ccefMhiklllmn+### and O5L4Bbb-ccefMhiklllmnp + ###</p> <p>Proline Promag D 400, Model 5D4Bbb-ccefMhiklllmn+### and O5D4Bbb-ccefMhiklllmnp + ###</p>
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	Note: Must be installed as per control drawing FES0196*
Electrical Rating	Rated input: 100-230V AC, 47-63Hz, 30VA 18-30 V AC, 44-66 Hz, 30 VA 24 V DC Nominal (18 to 30Vdc max), 8.0 W
Enclosure rating	Type 4X, IP 66/67
Temp. code and ambient temperature	T4 (-20°C to + 50°C)
Process temperature and MWP	Max process temperature: +80°C Maximum Working Pressure (MWP): 160bar (Sensors W, L), 25bar (sensor D)

Product	<p>Proline Promag 400 Magnetic-inductive flow measuring system; remote version (<u>single board version</u>) providing exciter coil circuits and non-incendive electrode circuits to Remote Sensor, Model Promag W, L, D.</p> <p>Proline Promag W 400, Model 5W4Bbb-ccdefNhiklllmn+### and O5W4Bbb-ccdefNhikllmnp + ### Proline Promag L 400, Model 5L4Bbb-ccefNhiklllmn+### and O5L4Bbb-ccefNhikllmnp + ### Proline Promag D 400, Model 5D4Bbb-ccefNhiklllmn+### and O5D4Bbb-ccefNhikllmnp + ###</p> <p>Note: Must be installed as per control drawing FES0196*</p>
Electrical Rating	Rated input: 100-230V AC, 47-63Hz, 30VA 18-30 V AC, 44-66 Hz, 30 VA 24 V DC Nominal (18 to 30Vdc max), 8.0 W
Enclosure rating	Transmitter Housing: Type 4X, IP 66/67 Sensor Housing: Type 4X, 6P, IP 66/68
Temp. code and ambient temperature	Transmitter Housing: T4 (-20°C to + 50°C) Sensor Housing: T6 or T5 (-20°C to + 60°C)
Process temperature and MWP	Max process temperature: +90°C Maximum Working Pressure (MWP): 160bar (Sensors W, L), 25bar (sensor D)

Product	<p>Proline Promag 400 Magnetic-inductive flow measuring system; compact version (<u>modular version</u>) providing exciter coil circuits and non-incendive electrode circuits to Integral Sensor Model Promag W, L, D.</p>
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	<p>Proline Promag W 400, Model 5W4Cbb-ccdLfA/M/Q/Rhiklllmn+### and O5W4Cbb-ccdLfA/M/Q/Rhiklllmnp + ###</p> <p>Proline Promag L 400, Model 5L4Cbb-ccLfA/M/Q/Rhiklllmn+### and O5L4Cbb-ccLfA/M/Q/Rhiklllmnp + ###</p> <p>Proline Promag D 400, Model 5D4Cbb-ccLfA/M/Q/Rhiklllmn+### and O5D4Cbb-ccLfA/M/Q/Rhiklllmnp + ###</p> <p>Note: Must be installed as per control drawing FES0196*</p>
Electrical Rating	<p>Rated input:</p> <p>100-240 V AC, 50/60Hz (+/- 4Hz), 30VA</p> <p>24 V AC, 50/60Hz (+/- 4Hz), 10VA</p> <p>24 V DC, 8.0W</p>
Enclosure rating	Type 4X, IP 66/67
Temp. code and ambient temperature	T4 (-40°C to + 60°C)
Process temperature and MWP	<p>Max process temperature: +80°C</p> <p>Maximum Working Pressure (MWP):</p> <p>160bar (Sensors W, L), 25bar (sensor D)</p>

Product	<p>Proline Promag 400 Magnetic-inductive flow measuring system; remote version (<u>modular version</u>) providing exciter coil circuits and non-incendive electrode circuits to Remote Sensor, Model Promag W, L, D.</p> <p>Proline Promag W 400, Model 5W4Cbb-ccdLfN/Phiklllmn+### and O5W4Cbb-ccdLfN/Phiklllmnp + ###</p> <p>Proline Promag L 400, Model 5L4Cbb-ccLfN/Phiklllmn+### and O5L4Cbb-ccLfN/Phiklllmnp + ###</p> <p>Proline Promag D 400, Model 5D4Cbb-ccLfN/Phiklllmn+### and O5D4Cbb-ccLfN/Phiklllmnp + ###</p> <p>Note: Must be installed as per control drawing FES0196*</p>
Electrical Rating	<p>Rated input:</p> <p>100-240 V AC, 50/60Hz (+/- 4Hz), 30VA</p> <p>24 V AC, 50/60Hz (+/- 4Hz), 10VA</p> <p>24 V DC, 8.0W</p>
Enclosure rating	<p>Transmitter Housing:</p> <p>Type 4X, IP 65/66/67</p> <p>Sensor Housing:</p> <p>Type 4X, 6P, IP 66/68</p>
Temp. code and ambient temperature	<p>Transmitter Housing:</p> <p>T4 (-40°C to + 60°C)</p> <p>Sensor Housing:</p>



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	T6 or T5 (-40°C to + 60°C)
Process temperature and MWP	Max process temperature: +90°C Maximum Working Pressure (MWP): 160bar (Sensors W, L), 25bar (sensor D)

Order Code Structure:

<u>Proline Promag W 400</u>	<u>Proline Promag L 400, Proline Promag D 400</u>
<p>5a4obb-ccdefghikllmn + ### O5a4obb-ccdefghikllmnpp + ###</p> <p><u>Proline Promag 400 - replacement transmitter</u> 5X4oXX-ccdgefhi + ### O5X4oXX-ccdgefhipp + ###</p> <p>a = Type of sensor W = Promag W</p> <p>o = Generation Index B = single board version C = modular version</p> <p>bb = Size (nominal tube diameter) any double number or letter</p> <p>cc = Approval C6 = CSA C/US NI CL.I Div.2 Gr. ABCD</p> <p>d = Design (options for length of tube) any single number or letter</p> <p>e = Power Supply (and sensor only option) A = 100-230Vac (single board version only) B = 24AC/DC (single board version only) L = 24-240V AC/DC (modular version only) X = sensor only (For customers ordering a replacement sensor.)</p> <p>f = Output/Input H,I,J = 4-20mA HART + configurable ports L = PROFIBUS DP M = Modbus RS485 N = Ethernet/IP O, P = Modbus/PFS/IOUT X = sensor only (For customers</p>	<p>5a4obb-ccdefghikllmn + ### O5a4obb-ccdefghikllmnpp + ###</p> <p>a = Type of sensor L = Promag L D = Promag D</p> <p>o = Generation Index B = single board version C = modular version</p> <p>bb = Size (nominal tube diameter) any double number or letter</p> <p>cc = Approval C6 = CSA C/US NI CL.I Div.2 Gr. ABCD</p> <p>e = Power Supply (and sensor only option) A = 100-230Vac (single board version only) B = 24AC/DC (single board version only) L = 24-240V AC/DC (modular version only) X = sensor only (For customers ordering a replacement sensor.)</p> <p>f = Output/Input H,I,J = 4-20mA HART + configurable ports L = PROFIBUS DP M = Modbus RS485 N = Ethernet/IP O, P = Modbus/PFS/IOUT X = sensor only (For customers ordering a replacement sensor.)</p> <p>g = Housing of Transmitter A = Compact, Alu M = Compact, Polymeric N = Remote, Polymeric P = Remote, Alu</p>



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<p>ordering a replacement sensor.)</p> <p>g = Housing of Transmitter A = Compact, Alu M = Compact, Polymeric N = Remote, Polymeric P = Remote, Alu Q = Compact, Polymeric, 22.5° angle R = Compact, Alu, 22.5° angle</p> <p>h = Cable, Remote Version (options for length and quality of cable) any single number or letter</p> <p>i = Cable Glands D = Thread NPT1/2" L = Thread NPT1/2" + M12x1 receptacle for ethernet</p> <p>k = Liner Material (covers the inside of measurement tube) any single number or letter</p> <p>lll = Process Connection (= flange) any tripple number or letter</p> <p>m = Electrodes (shape and material of electrodes contacting the fluid) any single number or letter</p> <p>n = Calibration Flow any single number or letter</p> <p>pp = Customer version any double number or letter</p> <p>** = Option in two digits (none, two or multiple of two digits); any combination of number or letter</p> <p>+, # = Signs used as indicator for optional abbreviation of extended order code</p>	<p>Q = Compact, Polymeric, 22.5° angle R = Compact, Alu, 22.5° angle</p> <p>h = Cable, Remote Version (options for length and quality of cable) any single number or letter</p> <p>i = Cable Glands D = Thread NPT1/2" L = Thread NPT1/2" + M12x1 receptacle for ethernet</p> <p>k = Liner Material (covers the inside of measurement tube) any single number or letter</p> <p>lll = Process Connection (= flange) any tripple number or letter</p> <p>m = Electrodes (shape and material of electrodes contacting the fluid) any single number or letter</p> <p>n = Calibration Flow any single number or letter</p> <p>pp = Customer version any double number or letter</p> <p>** = Option in two digits (none, two or multiple of two digits); any combination of number or letter</p> <p>+, # = Signs used as indicator for optional abbreviation of extended order code</p>
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<p>Product</p>	<p>Proline Prosonic Flow ultrasonic flow measuring system; remote version providing non incendive circuits to sensors Prosonic Flow W and Prosonic Flow I.</p> <p>Proline Prosonic W 400, Model 9W4Bcc-ddefghikklmmnpp + ### and O9W4Bcc-ddefghikklmmnppqq + ###</p> <p>Proline Prosonic I 400, Model 9I4Bcc-ddefghikklmmnoopp + ### and O9I4Bcc-ddefghikklmmnooppqq + ###</p> <p>Note: Must be installed as per control drawing FES0233*</p>
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Electrical Rating	Rated input: 100-240 V AC, 50/60Hz (+/- 4Hz), 30VA 24 V AC, 50/60Hz (+/- 4Hz), 10VA 24 V DC, 8.0W
Enclosure rating	Transmitter Housing: Type 4X, IP 65/66/67 Sensor: Type 4X/ 6P/ IP 66/68
Temp. code and ambient temperature	Transmitter Housing: T4 (-40°C to + 60°C) Sensor Housing: T6-T1, see control drawing FES0233*
Process temperature and MWP	See control drawing FES0233*

Order Code Structure:

<p><u>Proline Prosonic Flow W 400</u> 9W4Bcc-ddefghikklmmnpp + ### 09W4Bcc-ddefghikklmmnppqq + ###</p> <p><u>Proline Prosonic Flow I 400</u> 9I4Bcc-ddefghikklmmnoopp + ### 09I4Bcc-ddefghikklmmnooppqq + ###</p> <p><u>Proline Prosonic Flow 400 - replacement transmitter</u> 9X4BXX-ddefghipp + ### 09X4BXX-ddefghippqq + ###</p>	
cc	<p>Number of Sensorsets A1 = 1 Sensorset A2 = 2 Sensorsets</p>
dd	<p>Approval C6 = CSA C/US NI CL.I Div.2 Gr. ABCD</p>
e	<p>Power Supply L = 100..240 VAC or 24V AC/DC X = Sensor only (Not for replacement transmitter)</p>
f	<p>Output/Input H,I = 4-20mA HART + configurable ports L = Profibus DP M = Modbus RS485 N = Ethernet/IP</p>



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	O,P = Modbus/PFS/IOUT X = Sensor only (Not for replacement transmitter)
g	Display/Operation F = Display module G = Display module with WLAN X = Sensor only (Not for replacement transmitter)
h	Housing of Transmitter N = Remote, Polymeric enclosure P = Remote, Aluminum enclosure X = Sensor only (Not for replacement transmitter)
i	Cable Entries D = Thread NPT1/2" L = Thread NPT1/2" + M12x1 receptacle for Ethernet X = Sensor only (Not for replacement transmitter)
kk	Sensor Version any double number or letter
l	Process Temperature any single number or letter
mm	Cable any double number or letter
nn	Installation Set any double number or letter
oo	Sensor Holder any double number or letter
pp	Device Model A1 = 1 (Generation 1)
qq	Customer Version any double number or letter
+, #	Signs used as indicator for optional abbreviation of extended order code
**	Option in two digits (none, two or multiple of two digits); any combination of number or letter

Proline Prosonic Flow 400 sensor set

DK9018-ddkk100

dd	Approval C6 = CSA C/US NI CL.I Div.2 Gr. ABCD
kk	Sensor Version any double number or letter
l	Process Temperature any single number or letter
00	Reserved for future use



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Note:

The modular version is optionally available with an antenna bushing for the connection of an external antenna.

Conditions of Acceptability:

1. Final installation shall be as per Canadian Electrical Code (CEC) or National Electrical Code (NEC). Refer to control drawing FES0196 and FES0233 for safe instructions.
2. For polymeric enclosures: Do not remove the reinforcement plate. This ensures grounding and mechanical stability of the conduit entries and the optional antenna bushing.
3. Antenna supplied by Endress+Hauser shall be used only. As an alternate, any passive omni-directional RF antenna with or without cable is permitted to be connected when meeting the parameters defined in the control drawing.
4. The antenna bushing type H337 shall be mounted wrench tight to the transmitter enclosure to maintain the ingress protection of the enclosure. The RF antenna or the RF antenna cable shall be fitted with a Series N (MIL-STD-348) plug connector. The coupling nut of the Series N plug connector shall be hand tightened only.
5. The metal enclosure of the Antenna Bushing H337 shall be securely connected to local earth, typically via the enclosure to which it is connected



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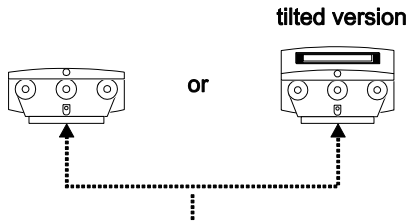
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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0- 2020	General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 94-M91	Special Purpose Enclosures
CAN/CSA-C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
C22.2 No. 213- 2017	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
CAN/CSA-C22.2 No. 60529:05	Degrees of protection provided by enclosures (IP Code)
ANSI/UL 121201- 2017	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
FMRC 3600 – 2011	Electrical Equipment for Use in Hazardous (Classified) Locations, General Requirements
FMRC 3611 – 2004	Nonincendive Electrical Equipment for Use in Class I and Class II, Division 2, and Class III, Division 1 and 2 Hazardous (Classified) Locations
FMRC 3810 – 2005	Electrical and Electronic Test, Measuring, and Process Control Equipment
ANSI/UL 61010-1, Third Edition	Standard for Safety, Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements
UL 50 (11 th Ed.)	Enclosures for Electrical Equipment
ANSI/IEC 60529:2004	Degrees of Protection Provided by Enclosures (IP Code)

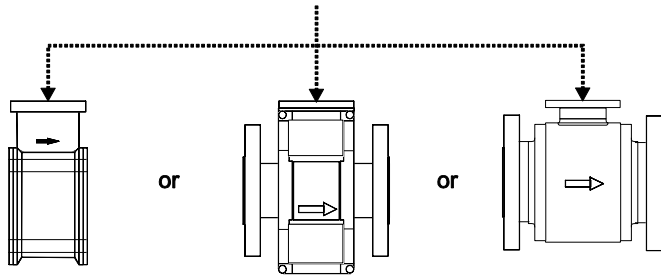
Hazardous Locations
Cl. I. Div. 2, Gps A,B,C,D

Transmitter
Promag 400
compact



Direct connection between transmitter and sensor

Sensors
Promag D, W, L



8. **WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2;**
AVERTISSEMENT – RISQUE D’EXPLOSION – LA SUBSTITUTION DE COMPOSANTS PEUT RENDRE CE MATÉRIEL INACCEPTABLE POUR LES EMPLACEMENTS DE CLASSE I, DIVISION 2;
9. **WARNING - EXPLOSION HAZARD – DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS;**
AVERTISSEMENT – RISQUE D’EXPLOSION – AVANT DE DÉCONNECTER L’EQUIPMENT, COUPER LE COURANT OU S’ASSURER QUE L’EMPLACEMENT EST DÉSIGNÉ NON DANGEREUX;

PROMAG W/D/L 400 - Compact version

Notes:

- Install according to Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70.
- Tightening torque for transmitter cover screws:
- For polymeric enclosures: Do not remove the reinforcement plate. This ensures grounding and mechanical stability of the conduit entries and the optional antenna bushing.
- Suitable for outdoor use.
- Open housing for brief periods only. Avoid the ingress of foreign objects, moisture or contaminants. Logement ouvert pour de brèves périodes seulement. Éviter la pénétration de corps étrangers, d’humidité ou de contaminants
- The maximally allowed medium temperature T_m depends on the liner material used for the sensor. Refer to the sensor name plate.
- Additional temperature restriction depending on temperature classes

Metallic enclosure	Polymeric enclosure, flat version	Polymeric enclosure, tilted version
2.5 Nm	2.5 Nm	1.3 Nm

Max. ambient temperature	Max. medium temperature						
	T6	T5	T4A	T4	T3C	T2	T1
60°C/140°F *1)	---	---	---	---	80°C / 176°F	80°C / 176°F	80°C / 176°F
40°C/104°F	---	---	---	70°C/158°F *2)	80°C / 176°F	80°C / 176°F	80°C / 176°F

“---” = Temperature Class not allowed

*1) Exception: 50°C /122°F in case of single board version
(5*4B**_***** or O5*4B**_*****)

*2) Exception: 40°C /104°F in case of sensor Promag D

Minimally allowed ambient temperature depending on the material of the sensor flanges:

- stainless steel flanges: -40°C/ -40°F *3)

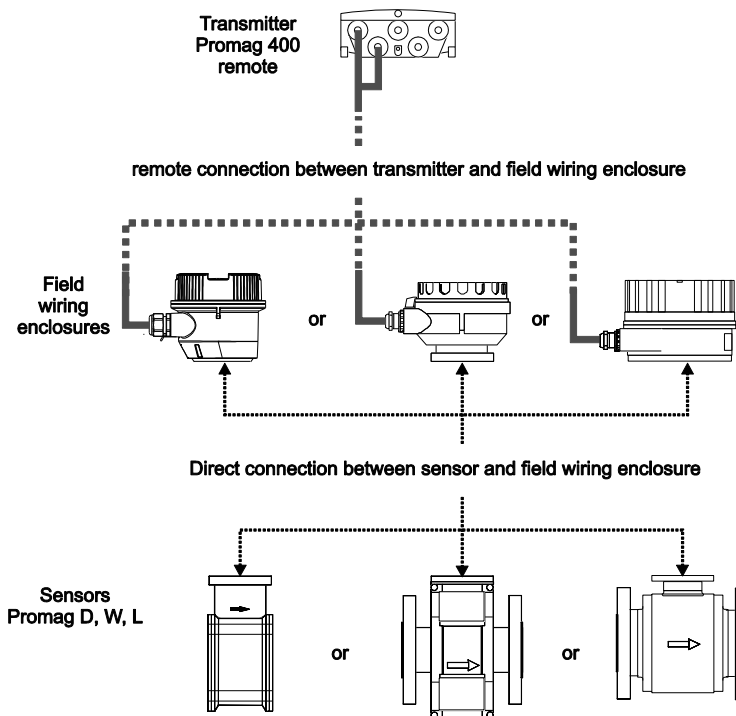
- carbon steel flanges: -10°C/14°F

*3) Exception: -20°C/-4°F in case of single board version
(5*4B**_***** or O5*4B**_*****)

Aenderungen:	A	29.10.12/BDA	F	Ersteller: FES / ID 1528 FILE: M:\ZEICHNG\FES0196\E\FES0196E.doc
	B	05.11.13/BDA	G	
	C	03.03.14/BDA	H	
	D	15.02.19/BDA	J	
	E	27.07.21/BDA	K	

cCSAUS Control Drawing Class I Division 2 Compact version PROMAG W/D/L 400	Gezeichnet	29.10.2012	BDA
	Gepüft		
	Ex-geprüft	27.07.2021	BDA
	Gesehen		

Hazardous Locations
Cl. I. Div. 2, Gps A,B,C,D



PROMAG W/D/L 400 - Remote version

Notes:

1. Install according to Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70.
2. Tightening torque for transmitter cover screws: 2.5 Nm
3. For polymeric enclosures: Do not remove the reinforcement plate. This ensures grounding and mechanical stability of the conduit entries and the optional antenna bushing.
4. Suitable for outdoor use.
5. Open housing for brief periods only. Avoid the ingress of foreign objects, moisture or contaminants
Logement ouvert pour de brèves périodes seulement. Éviter la pénétration de corps étrangers, d'humidité ou de contaminants
6. The maximally allowed medium temperature T_m depends on the liner material used for the sensor. Refer to the sensor name plate.
7. Additional temperature restriction depending on temperature classes

Sensor:

Max. ambient temperature	Max. medium temperature						
	T6	T5	T4A	T4	T3C	T2	T1
60°C/140°F	80°C / 176°F	90°C / 194°F	90°C / 194°F	90°C / 194°F	90°C / 194°F	90°C / 194°F	90°C / 194°F

Minimally allowed ambient temperature depending on the material of the sensor flanges:

- stainless steel flanges: -40°C / -40°F
- carbon steel flanges: -10°C / 14°F

Transmitter:

Temperature class for transmitter in remote version is T4 at 60°C / 140°F ambient temperature.

The minimum ambient temperature is -40°C/-40°F *1)

*1) Exception: -20°C/-4°F in case of single board version

(5*4B**_***** or O5*4B**_*****)

8. **WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2;**
AVERTISSEMENT – RISQUE D’EXPLOSION – LA SUBSTITUTION DE COMPOSANTS PEUT RENDRE CE MATÉRIEL INACCEPTABLE POUR LES EMPLACEMENTS DE CLASSE I, DIVISION 2;

9. **WARNING - EXPLOSION HAZARD – DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS;**
AVERTISSEMENT – RISQUE D’EXPLOSION – AVANT DE DÉCONNECTER L’ÉQUIPEMENT, COUPER LE COURANT OU S’ASSURER QUE L’EMPLACEMENT EST DÉSIGNÉ NON DANGEREUX;

Aenderungen:	A	29.10.12/BDA	F	Ersteller: FES / ID 1528 FILE: M:\ZEICHNG\FES0196\E\FES0196E.doc		
	B	05.11.13/BDA	G			
	C	03.03.14/BDA	H			
	D	15.02.19/BDA	J			
	E	27.07.21/BDA	K			
cCSA _{US} Control Drawing Class I Division 2				Gezeichnet	29.10.2012	BDA
Remote version				Geprüft		
PROMAG W/D/L 400				Ex-geprüft	27.07.2021	BDA
Endress+Hauser				Gesehen		
People for Process Automation				Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach		FES0196E
						2/3

PROMAG W/D/L 400 - Wiring Options

1) Cl. I. Div. 2, Gps A,B,C,D

a) Threaded Cable Entries NPT1/2”:

- Install per Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70 and use supply wires suitable for 20 °C above ambient temperature.

b) Receptacle (plug-in connector) with thread M12x1, approved for Cl. I. Div.2:

- Install per Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70.
- The M12 mating connector which is sourced by the customer must also be approved for Cl. I. Div.2 and must be suitable for Type 4X, IP66/67. It must provide additional mechanical security to prevent accidental disconnection.

2) Non-hazardous classified areas

a) Threaded Cable Entries (e.g. NPT1/2” or M20x1.5):


- Install per Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70 and use supply wires suitable for 20 °C above ambient temperature.

b) Receptacle (plug-in connector) with thread M12x1:

- Install per Canadian Electrical Code (CEC) or National Electrical Code (NEC) ANSI/NFPA 70.
- The M12 mating connector which is sourced by the customer must be suitable for Type 4X, IP66/67.

3) Notes for External Antenna

- Antenna supplied by Endress+Hauser shall be used only. As an alternate, any passive omni-directional RF antenna with or without cable is permitted to be connected when meeting the following parameters:
 - The antenna connected to the antenna bushing shall have an impedance of at least 50Ω
 - The rated frequency range of the antenna shall not exceed 1710MHz ... 6000MHz
 - The rated power of the antenna shall be at least 100mW
- The antenna bushing type H337 shall be mounted wrench tight to the transmitter enclosure to maintain the ingress protection of the enclosure.
- The RF antenna or the RF antenna cable shall be fitted with a Series N (MIL-STD-348) plug connector. The coupling nut of the Series N plug connector shall be hand tightened only.
- The metal enclosure of the Antenna Bushing H337 shall be securely connected to local earth, typically via the enclosure to which it is connected

Aenderungen:	A	29.10.12/BDA	F	Ersteller: FES / ID 1528 FILE: M:\ZEICHNG\FES0196\E\FES0196E.doc		
	B	05.11.13/BDA	G			
	C	03.03.14/BDA	H			
	D	15.02.19/BDA	J			
	E	27.07.21/BDA	K			
cCSA _{US} Control Drawing Compact version + Remote version PROMAG W/D/L 400				Gezeichnet	29.10.2012	BDA
				Gepüft		
				Ex-geprüft	27.07.2021	BDA
				Gesehen		
Endress+Hauser  People for Process Automation				Flowtec AG, Kaegenstrasse 7, CH-4153 Reinach BL1, Postfach		FES0196E
						3/3