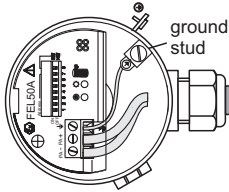


Hazardous classified location

Class I, Groups A, B, C, D
 Class II, Groups E, F, G
 Class III

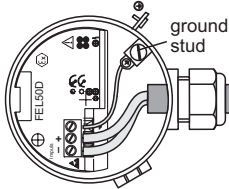
Non hazardous location

FEL50A



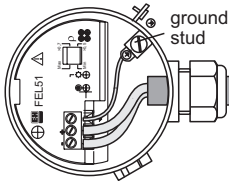
PROFIBUS PA
 U in 9...32 VDC

FEL50D



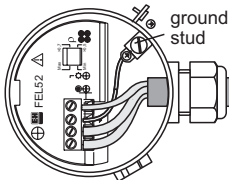
Endress+Hauser Transmitter
 FML621
 U in 21...26 VDC

FEL51



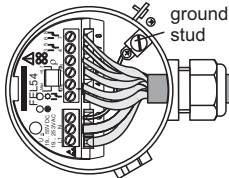
AC 2-wire
 U in 19...250 VAC, 50/60 Hz
 350 mA

FEL52



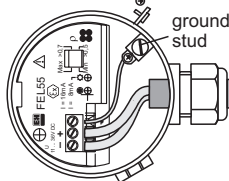
DC PNP
 U in 10...55 DC
 350 mA

FEL54



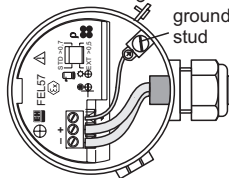
AC/DC Relay version
 U in 19...55 VDC
 U in 19...250 VAC, 50/60Hz

FEL55



4...20 mA
 Nivotester
 U in 11...36 VDC

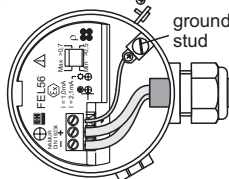
FEL57



+ PFM-Nivotester
 - U in 9.5...12.5 VDC

Nivotester
 e.g. FTL120Z, FTL170Z
 FTL320, FTL370/372
 FTL325P, FTL375P

FEL56 or
 FEL58



NAMUR IEC 60947-5-6
 Nivotester
 U in 8.2 VDC ±20 %

Nivotester
 e.g. FTL325N

Explosion Proof Class I, Div. 1, Groups A, B, C, D
 Class II, Div. 1, Groups E, F, G
 Class III

Hazardous Locations Installations

- Control room equipment may not use or generate over 250 V.
- Install per the Canadian Electrical Code (CEC) resp. National Electrical Code NFPA 70 (NEC).
- Supply wires shall be installed in conduit in acc. with the CEC resp. NEC.
- Warning: Substitution of components may impair intrinsic safety.
- Terminal compartment:
 Warning: Keep cover tight when circuit is alive unless the area is known to be non-hazardous.
- Use supply wires suitable for 5 K above surrounding ambient.
- Vibration forks installed in pressure vessels consist of homogeneous stainless steel with a wall thickness > 1 mm and are designed to meet the same pressure requirements of the original pressure vessel. Hence, secondary seals are not required.

| Temperature code | Permissible ambient temperature electronics compartment | Device |
|------------------|---------------------------------------------------------|------------------------------|
| T6, T5, T4, T3 | -50°C...+70°C | all electronic inserts FEL5x |

ZD240F-A/00/EN/12.09
 CCS/FM6.0
 CSA/A 19.12.08

CSA Control Drawing
 960008826 A



71108210

Liquiphant M, Liquiphant S
 (cCSAus / XP)

Endress+Hauser

People for Process Automation