

Hazardous classified location

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

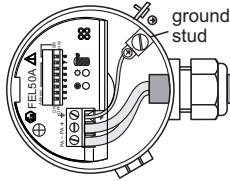
Non hazardous location

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

Hazardous locations installations

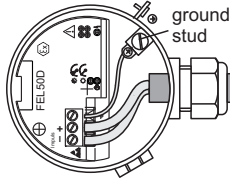
- Control room equipment may not use or generate over 250 V.
- Install per the Canadian Electrical Code (CEC) resp. National Electrical Code NFPA 70 (NEC).
- Supply wires shall be installed in conduit in acc. with the CEC resp. NEC.
 Install conduit seal at enclosure wall.
- Warning: Substitution of 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.
- CEC 2009, cl. 18-072: "Flammable fluid seals" classification acc. ANSI/ISA 12.27.01.
 Single seal device; gas tight conduit seal not required.

FEL50A



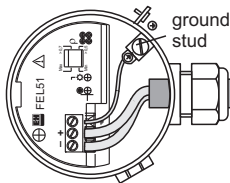
PROFIBUS PA
 U in 9...32 VDC

FEL50D



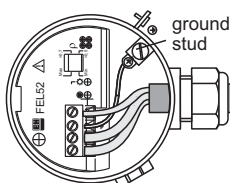
Endress+Hauser Transmitter
 FML621
 U in 21...26 VDC

FEL51



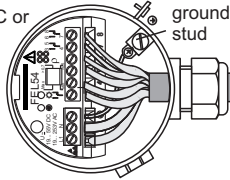
AC 2-wire
 U in 19...250 VAC, 50/60 Hz
 350 mA

FEL52



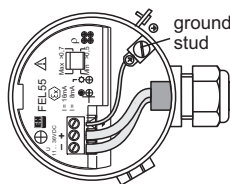
DC PNP
 U in 10...55 DC
 350 mA

FEL54DC or
 FEL54



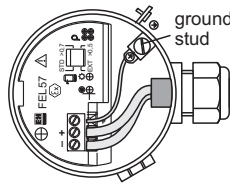
FEL54DC	FEL54
DC Relay version U in 10...15 VDC	AC/DC Relay version U in 19...55 VDC U in 19...250 VAC, 50/60Hz
Contact rating: 250 VAC, 4 A; 30 VDC, 4 A 125 VDC, 0.2 A 1000 VA (cos φ = 1) 750 VA (cos φ = 0.7)	Contact rating: 250 VAC, 6 A; 30 VDC, 6 A 125 VDC, 0.2 A 1500 VA (cos φ = 1) 750 VA (cos φ = 0.7)

FEL55



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

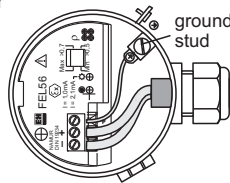
FEL57



+ 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
 U in 8.2 VDC ±20 %

Nivotester
 e.g. FTL325N

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

XA00601F-C/00/EN/14.14
 CCS/FM10
 cCSAus/C.05.02.14

cCSAus Control Drawing
960008826 C

Liquiphant M, Liquiphant S
 FTL5x, FTL7x
 (XP)

Endress+Hauser

People for Process Automation



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