

The devices are FM approved as Single Seal per ANSI/ISA 12.27.01 as tabulated below; therefore installation of external secondary seals is not required.

Single Seal	Model	Limited to:	
		MWP*	Process temperature**
	PMP51, PMP55	400 bar (5800 psi)	-40°C...+100°C

\* Limitations of the Maximum Working Pressure (MWP) are marked on the nameplate and must be considered!

\*\* Limitations of the process temperature range depending on the used version are specified in the applicable technical information of the manufacturer and must be considered! PMP55 allows higher process temperatures depending on the used diaphragm seal. This is allowable provided the above specified process temperatures are guaranteed at the sensor close to the enclosure (location of primary seal) for these types.

Install per the National Electrical Code (ANSI/NFPA70).

This device is suitable to be installed in accordance with the wiring methods of Division 1/Zone 1 for explosion proof protection.

For installations in accordance with the requirements of explosion proof protection the device is suitable for:

Explosionproof for Cl. I, Div. 1, Groups A, B, C, D  
 Ambient temperature range: -40°C...+75°C (optional Ta min -50°C)  
 Factory sealed. Conduit seal is not required!

Further types of protection:

DIP Cl. II, Div. 1, Groups E, F, G, Cl. III

Nonincendive Cl. I, Div. 2, Groups A, B, C, D

Ambient temperature range T6/T4: -40°C...+40°C/70°C (optional Ta min -50°C)

4-20 mA HART electronic: Max. supply voltage: 45 VDC,  $P \leq 1.1 \text{ W}$

PA/FF electronic: Max. supply voltage: 32 VDC,  $P \leq 1.25 \text{ W}$

Warning: Conductors shall be rated 10°C above ambient.

Warning: Keep cover tight, while circuit is alive.

