

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

Dual Seal	Model	Annunciation in case of primary seal failure			
		Media	Annunciation method	Pressure range for effective annunciation	
				min	MWP*
PMD55	gas	audible	3.5 bar (50.7 psi)		
	liquid	audible/visible	3.2 bar (46.4 psi)	160 bar (2320 psi)	

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

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:  $-40^{\circ}\text{C} \dots +75^{\circ}\text{C}$  (optional Ta min  $-50^{\circ}\text{C}$ )

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:  $-40^{\circ}\text{C} \dots +40^{\circ}\text{C}/70^{\circ}\text{C}$  (optional Ta min  $-50^{\circ}\text{C}$ )

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  $10^{\circ}\text{C}$  above ambient.

Warning: Keep cover tight, while circuit is alive.

