

The devices are CSA Certified 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 Canadian Electrical Code or National Code (ANSI/NFPA70).

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

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

Explosionproof for Cl.I Div.1 Gp. BCD

Ambient temperature range: -40 °C...+75 °C (optional Ta,min -50 °C)

Factory sealed, conduit seal is not required!

Further types of protection:

Cl.II Div.1 Gp. EFG Cl.III

Cl.I Div.2 Gp. ABCD

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,  $P \leq 1.1$  W

PA/FF electronic: max. supply voltage: 32 VDC,  $P \leq 1.25$  W

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

Warning: Keep cover tight, while circuit is alive.

Warning: Avoid electrostatic charging of plastic surfaces, plastic process connections or coatings.

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CCS/FM10  
CSA/B 22.08.16



CSA Control Drawing  
960009665 B

Cerabar M PMP51, PMP55  
4-20 mA HART, PROFIBUS PA,  
FOUNDATION Fieldbus (XP)

Endress+Hauser   
People for Process Automation