

The devices are CSA Certified as Single Seal devices 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**
	PMD75, FMD77 and FMD78	420 bar (6091 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!

FMD77, FMD78 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 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.

The device is suitable for:

Cl.I, Div.1, Gp. ABCD; Cl.II, Div.1, Gp. EFG; Cl.III

Conduit seals must be installed within 18 inches of enclosure.

Avoid electrostatic charge of plastic surfaces, plastic process connections or coatings.

4-20 mA HART electronic:

max. supply voltage: 45 VDC

PROFIBUS PA/FOUNDATION Fieldbus electronic:

max. supply voltage: 32 VDC

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

XA00598P-D/00/EN/15.17
CCS/FM10
CSA/D 15.08.16



CSA Control Drawing
960008823-D

Deltabar S PMD75, FMD77, FMD78
HART, PA, FF
(explosion proof)

Endress+Hauser 
People for Process Automation