



PMD75



Digital differential pressure transmitter with piezoresistive metal sensor

PMD70



Digital differential pressure transmitter with capacitive sensor and ceramic diaphragm

FMD76



Digital differential pressure transmitter with flush mounted ceramic diaphragm

Applications	Differential pressure, level, flow		Differential pressure, level
Certificates approvals	ATEX, FM, CSA, NEPSI, 3A, EHEDG, TIIS		
Process connections	¼" - 18 NPT, RC ¼"		DN 80 - 100, ANSI 3"- 4", JIS
Material in process	Membrane: 316L/1.4435, Alloy C276/2.4819, Monel, Tantal Seal: PTFE, Viton etc. Flange: C22.8, 316L/1.4435 (NACE), Alloy C276/2.4819 (NACE), Tantal, PVDF (optional)	Membrane: Al ₂ O ₃ Flange: C22.8, 316L/1.4435 (NACE), Alloy C276/2.4819 (NACE), Tantal, PVDF (optional)	
Overpressure limit	Max. 420 bar	Max. 150 bar	Max. 100 bar
Process temperature	-40 ... 120 °C	-40 ... 85 °C	-40 ... 85 °C
Power supply / transmitter unit	Standard: 10.5 ... 45 V EEx: 10.5 ... 30 V		
Nominal range	-10 ... 10 mbar -40 ... 40 bar	-25 ... 25 mbar -3 ... 3 bar	-100 ... 100 mbar -3 ... 3 bar
Span	0.5 mbar ... 40 bar	0.5 mbar ... 3 bar	1 mbar ... 3 bar
Accuracy	0.075 % of span, 0.05 % with platinum (optional) max. TD 100:1		
Output	<ul style="list-style-type: none"> 4 ... 20 mA, HART® PROFIBUS PA FOUNDATION Fieldbus 		
Options	Au-Rh coated membrane, NACE MR0175 concurring materials		
Specialities	<ul style="list-style-type: none"> Housing: aluminum, hygienic design or heavy duty in stainless steel Static pressure up to 420 bar Alloy C276 optional With Deltatop/Deltaset as a compact flow device With PVDF-flange as metal free device With Deltatop/Deltaset as a compact flow device Abrasion and corrosion resistant No diaphragm seal temperature effects Halar coating allows metal-free measurement 		