



Programmable Pressure Transmitters

PTM 2-wire	4	0	X	X	X	X	X	X	X	X	X	X	X	X	
Pressure type															
Gauge			1												
Absolute			2												
Sealed gauge			3												
Pressure range															
1 psi to 8500 psi				X	X										
>8500 psi				X	X										
Negative ranges / offset / special adjustment				9	9										
Pressure connection															
1/4 NPT male							1	0							
1/4 NPT female							8	1							
1/2 NPT male							1	9							
MS33656-4 (aka AN-4 male) with 7/16-20 UNJF threads & 37° cone							8	0							
JIC-4 (aka #4 ORB male), with 7/16-20UNF-3A threads & 37° cone							8	2							
Customized connection							9	9							
Electrical connection															
Connector DIN43650 plastic PA ¹⁾²⁾									0	1					
Connector MIL-C-26482. (10-6) ¹⁾									8	0					
PE cable, black with cable gland price per foot									1	3					
PUR cable, black with cable gland price per foot									1	5					
PUR cable, black with anti-kink nozzle price per foot									1	6					
Teflon cable, black with cable gland price per foot									2	1					
Customized connection									9	9					
Output signal															
4 to 20 mA											0	5			
4 to 20 mA with overvoltage protection											0	8			
Accuracy															
≤± 0.25% FS for p < 7.25 psi													1		
≤± 0.1% FS for p ≥ 7.25 psi													2		
Temperature range															
32 to 160°F / 0 to 70°C compensated (Media temp. 32 to 176°F / 0 to 80°C)														0	
77 to 212°F / 25 to 100°C comp. (Media temp. -15 to 212°F / -25 to 100°C)														7	
-15 to 185°F / -25 to 85°C comp. (Media temp. -15 to 212°F / -25 to 100°C)														1	
-15 to 185°F / -25 to 85°C comp. (Media temp. -15 to 300°F / -25 to 150°C) with cooling fins														2	
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 212°F / -40 to 100°C)														3	
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C)														4	
68 to 212°F / 20 to 100°C comp. (Media temp. -15 to 300°F / -25 to 150°C) with cooling fins														6	
Customized temp. range														9	
Options															
Pressure snubber															A
Elektronics packed in gel (gauge sensors)															C
(absolute & sealed gauge)															D
Special oil filling: For food applications															G
Halocarbon (for oxygen applications, sensor free of oil and grease)															H
AS100 (suitable for -65 to 300°F / -55 to 150°C media temperature)															J
PAO4 (silicone-free)															Q
Seals: Viton (standard)															U
EPDM															S
Kalrez															T
Titanium construction															K
Fully welded version (max. 1,450 psi FS)															V
Elastomer free (all-metal) NACE compatible version (FS pressures 350psi to 10,000psi)															N
Active compensation, Total error band ≤± 0.15%FS (15 to 125°F / -10 to 50°C)															E

NOTES:

1) Cable socket not included

2) Demountable version

Please order the programming interface (VART199) and software (VART244) separately, see accessories