



Programmable Pressure Transmitters

PTM/RS485	4	3	X	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 (AN-4 male, 7/16-20 UNJF)							8	0							
MS33656-4 (AN-4 male, except with 7/16-20 UNF threads)							8	2							
Customized connection							9	9							
Electrical connection															
Connector MIL-C-26482. (10-6 pin layout) ¹⁾									8	0					
Connector per MIL-C-26482. (10-6 pin layout). demountable ¹⁾²⁾									8	2					
PE cable, black, with cable gland									1	3					
price per foot															
PUR cable, black, with cable gland									1	5					
price per foot															
PUR cable, black, with anti-kink nozzle									1	6					
price per foot															
Teflon cable, black, with cable gland									2	1					
price per foot															
Customized connection									9	9					
Output signal															
RS485, 4 to 20 mA for Pressure											6	2			
RS485, 4 to 20 mA for Pressure with overvoltage (surge) protection											6	4			
RS485, 4 to 20 mA for Pressure & Temperature ³⁾											6	5			
RS485, 4 to 20 mA for Pressure & Temperature ³⁾ with overvoltage (surge) protection											6	6			
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) with cooling fins														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
Electronics 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 media temp. -65 to 300°F / -55 to 150°C)															J
PAO4 (free of silicon)															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

3) Temperature output only available with active compensation option

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