



STS Precision Pressure Transmitter Ordering Code Effective 2019

■ STS part numbers typically follow the format XXX.XXXX.XXXX.XX.X(range). **DARK VERTICAL LINES ON PRICE SHEETS SHOW WHERE THE DOTS GO.**

- For example, a common ATM (Amplified TransMitter) part number is 231.9910.0105.00.V(100psi)
- Pressure range and engineering units (ex: 100psi) must be specified in free text.

Programmable Pressure Transmitters

PTM/RS485	4	3	X	X	X	X	X	X	X	X	X	X	X	X	X		
Pressure type			1														
Gauge			2														
Absolute			3														
Sealed gauge																	
Pressure range					X	X											
1 psi to 8500 psi					X	X											
> 8500 psi					X	X											
Negative ranges / offset / special adjustment					9	9											
Pressure connection							1	0									
1/4 NPT male							8	1									
1/4 NPT female							1	9									
1/2 NPT male							8	0									
MS33656-4 (AN-4 male, 7/16-20 UNJF)							8	2									
MS33656-4 (AN-4 male, except with 7/16-20 UNF threads)							9	9									
Customized connection																	
Electrical connection										0	6						
Connector MIL-C-26482, (10-6 pin layout) ¹⁾										4	6						
Connector per MIL-C-26482, (10-6 pin layout), demountable ²⁾										1	3						
PE cable, black, with cable gland																	
price per foot										1	5						
PUR cable, black, with cable gland																	
price per foot										1	6						
Teflon cable, black, with cable gland										2	1						
price per foot										9	9						
Customized connection																	
Output signal											6	2					
RS485, 4 to 20 mA for Pressure											6	4					
RS485, 4 to 20 mA for Pressure with overvoltage (surge) protection											6	5					
RS485, 4 to 20 mA for Pressure & Temperature ³⁾											6	6					
RS485, 4 to 20 mA for Pressure & Temperature ³⁾ with overvoltage (surge) protection																	
Accuracy													1				
± 0.25% FS for p < 7.25 psi													2				
± 0.1% FS for p ≥ 7.25 psi																	
Temperature range														0			
32 to 160°F / 0 to 70°C compensated (Media temp. 32 to 176°F / 0 to 80°C)														7			
77 to 212°F / 25 to 100°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 212°F / -25 to 100°C)														2			
-15 to 185°F / -25 to 85°C comp. (Media temp. -15 to 300°F / -25 to 150°C) with cooling fins														3			
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 212°F / -40 to 100°C)														4			
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C) with cooling fins														6			
88 to 212°F / 20 to 100°C comp. (Media temp. -15 to 300°F / -25 to 150°C) with cooling fins														9			
Customized temp. range																	
Options															A		
Pressure snubber															C		
Electronics packed in gel: gauge sensors															D		
absolute & sealed gauge															G		
Special oil filling: For food applications															H		
Halocarbon (for oxygen applications, sensor free of oil and grease)															J		
AS100 (suitable for media temp. -65 to 300°F / -55 to 150°C)															Q		
PAO4 (free of silicon)															U		
Seals: Viton (Standard)															S		
EPDM															T		
Kalrez															K		
Titanium construction															V		
Fully welded version (max. 1,450 psi FS)															N		
Elastomer free (all-metal) NACE compatible version (FS pressures 350psi to 10,000psi)															E		
Active compensation, Total error band ± 0.15%FS (15 to 125°F / -10 to 50°C)																	

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