

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.

Transducers, Passive (mV output)

TM	2	1	X	X	X	X	X	X	X	X	X	X	X	X	X		
TM/Ex	2	0	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 < 1.5 psi				X	X												
1.5 psi to 8500 psi				X	X												
> 8500 psi				X	X												
Negative ranges / offset / special				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 7/16-20 UNF-3A threads & 37° cone						8	2										
Customized connection						9	9										
Electrical connection																	
Connector DIN43650 plastic PA ¹⁽³⁾										0	1						
Connector Mini DIN43650 plastic PA ¹⁽²⁾										6	5						
Connector per MIL-C-26482, (10-6 pin layout) ¹⁾										0	6						
Connector per MIL-C-26482, (10-6 pin layout), demountable ³⁾										4	6						
PE (polyethylene) cable, black, with cable gland - NON-Ex VERSION ONLY - price per foot										1	3						
PUR (polyurethane) cable, black with cable gland - NON-Ex VERSION ONLY - price per foot										1	5						
PUR cable, black, with anti-kink nozzle price per foot										1	6						
Teflon cable, black, with cable gland - NON-Ex VERSION ONLY - price per foot										2	1						
Customized connection										9	9						
Output Signal²⁾																	
0 - 10 mV											1	0					
0 - 25 mV											1	1					
0 - 35 mV											1	2					
0 - 50 mV											1	3					
0 - 100 mV (check with factory - not available at all ranges)											1	4					
0 - xxx mV (customized)											9	9					
Accuracy																	
≤ 8500 psi ± 0.5 % FS													0				
± 0.25 % FS (upon request.)													1				
> 8500 psi ± 1 % FS													5				
± 0.5 % FS													0				
Temperature range (Media temp. -40 to 300°F / -40 to 150°C for all versions)																	
32 to 160°F / 0 to 70°C compensated														0			
77 to 212°F / 25 to 100°C compensated														7			
-15 to 185°F / -25 to 85°C compensated														1			
-15 to 185°F / -25 to 85°C compensated														5			
-40 to 212°F / -40 to 100°C compensated														8			
Customized temp. range														9			
Temperature class (TM/Ex)																	
T6 (Ta: -25 ...85°C compensated, max. media temp. 212°F / 100°C) - USE T4 unless factory is consulted first.														0			
T4 (Ta: -25 ...85°C compensated, max. media temp. 212°F / 100°C)														1			
T3 (Ta: -25 ...85°C compensated, max. media temp. 300°F / 150°C)														2			
Options																	
Pressure snubber															A		
Electronics packed in gel (potted) - Gage pressure sensors															C		
- Absolute and sealed gage															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 (silicone free)															Q		
Seals: Viton (Standard)															U		
EPDM seals															S		
Kalrez															T		
Titanium version															K		
Fully welded version (max. 1,450 psi FS)															V		
Elastomer-free all-metal version (NACE compatible) for pressures 400psi..10,000psi															N		

NOTES:

- 1) Cable socket not included
- 2) According to datasheet
- 3) Demountable version