



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.

Analog Depth & Level Transmitters with FM approval

ATM.1st/N ATM.1st/N/Ex or /IECEX (IS not available)	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X
Pressure type											
Gauge	1										
Absolute	2										
Pressure range											
1 psi to < 1.5 psi		X	X								
1.5 psi to 360 psi		X	X								
Version											
Closed (Datasheet Fig. 1)				5	5						
Open (Datasheet Fig. 2)				5	6						
Customized version				9	9						
Electrical connection ¹⁾											
PE cable, black (not for Ex version) price per foot						1	3				
PUR cable, black (not for Ex version) price per foot						1	5				
PUR cable, blue (for Ex version only) price per foot						1	7				
Teflon cable, black (not for Ex version) price per foot						2	1				
Teflon cable, blue (for Ex version only) price per foot						2	2				
Connector Lumberg RSF4 for KART100 ²⁾						0	7				
1/2" NPT Conduit Fitting with cable						6	4				
Customized connection						9	9				
Output signal											
0 to 5vdc (not for Ex/IS versions, no active compensation available)								4	6		
0 to 10vdc (not for Ex/IS versions, no active compensation available)								4	7		
4 to 20 mA								0	5		
Accuracy											
±0.25 % FS (for FS ranges .75psi to <1.5psi)										1	
±0.1% FS										2	
±0.05 % FS (available for FS ranges 15psi to 360psi)										6	
Temperature Range (non-Ex/IS versions only)											
+25 to 125F (-5 to +50C) comp, media temp +25 to 125F (-5 to +50C)											
+25 to 175F (-5 to +80C) comp, media temp +25 to 175F (-5 to +80C)											
Temperature Class (Ex/IS versions only)											
T6 - ambient = +25 to 125F (-5 to +50C) comp, media temp +25 to 125F (-5 to +50C)											
T4 - ambient = +25 to 175F (-5 to +80C) comp, media temp +25 to 175F (-5 to +80C) ⁴⁾											
Options											
Ballast weight 1.4435											B
Cutting ring connection G 1/2 male (Zch./drw. 6.10.0250)											--
Strain relief (Zch./drw. 6.10.0168)											--
Electronics packed in gel (gauge sensors) - Included as standard at no charge on Ex/IS versions.											C
(absolute & sealed gauge) - Included as standard at no charge on Ex/IS versions.											D
Seals: Viton (Standard)											U
EPDM seals											S
Kalrez											T
Titanium construction (without ballast weight)											K

NOTES:

- 1) Please specify type and length of cable
- 2) Field replaceable version
- 3) Please specify type and length of lead and connection cable
- 4) For PE and Teflon cable types FS <10bar