

**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 Output Pressure Transmitters**

ATM.1st	X	X	X	X	X	X	X	X	X	X	X
ATM.1st/IS or /Ex or /IECEX	X	X	X	X	X	X	X	X	X	X	X
<b>Pressure type</b>											
Gauge	1										
Absolute	2										
Sealed gauge	3										
<b>Pressure range</b>											
1 psi to < 1.5 psi (must choose accuracy code 1)		X	X								
1.5 psi to 8500 psi		X	X								
> 8500 psi		X	X								
<b>Pressure connection</b>											
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						
Autoclave F250C, subsea Ø26.5/28mm sensors (must also add <u>Code N option</u> )				8	3						
Autoclave F250C, w/std Ø24mm upper hsg (must also add <u>Code N option</u> )				8	4						
Bulkhead - 7/16-20UNF-3A with 37° cone, 5/8-18UNF-2A Single-D, 24mm hex				8	5						
G 1/2 BSP male with frontal diaphragm				1	4						
G 1/2 BSP male with flush diaphragm				1	5						
1/2 NPT male with flush diaphragm (not for FS pressures <75psi)				2	7						
Customized connection				9	9						
<b>Electrical connection</b>											
Connector DIN43650 plastic PA <sup>1(2)</sup>					0	1					
Connector Mini DIN43650 plastic PA <sup>1(2)</sup>					6	5					
Connector per MIL-C-26482, (10-6 pin layout) <sup>1)</sup>					0	6					
Connector per MIL-C-26482, (10-6 pin layout), demountable <sup>1(2)</sup>					4	6					
Connector per MIL-C-26482, (10-6 pin layout) 1) - SPECIAL 316L STAINLESS HERMETIC					9	9					
PE (polyethylene) cable, black, with cable gland price per foot					1	3					
PUR (polyurethane) cable, black with cable gland (not for Ex/IS versions) price per foot					1	5					
PUR (polyurethane) cable, BLACK with cable gland (not for Ex/IS versions) w/IP68 Submersible cable seal price per foot					2	4					
PUR (polyurethane) cable, BLUE with cable gland (for Ex/IS versions only) price per foot					1	7					
PUR cable, black, with anti-kink nozzle price per foot					1	6					
PUR cable, BLUE, with anti-kink nozzle (for Ex/IS versions only) price per foot					1	8					
Teflon cable, black, with cable gland price per foot					2	1					
Teflon cable, BLUE, with cable gland (for Ex/IS versions only) price per foot					2	2					
1/2" NPT Male Conduit Fitting with Black PUR cable price per foot					6	3					
1/2" NPT Male Conduit Fitting with Black Teflon cable price per foot					6	8					
Customized connection					9	9					
<b>Output signal</b>											
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				
<b>Accuracy</b>											
± 0.25% FS (for pressures 0.75psi to <1.5psi)									1		
± 0.1% FS (for FS pressures 1.5psi to 8500psi) - consult factory for FS pressures >8500psi									2		
± 0.05% FS (available for FS pressures 15 to 1450psi)									6		
<b>Temperature range (non-Ex/IS only)</b>											
32 to 160°F / 0 to 70°C comp. (media temp. -40 to 212°F / -40 to 100°C)											
-15 to 212°F / -25 to 100°C comp. (media temp. -40 to 250°F / -40 to 125°C)											
-15 to 212°F / -25 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C), with cooling fins											
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 250°F / -40 to 125°C)											
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C), with cooling fins											
-40 to 250°F / -40 to 125°C comp. (media temp. -40 to 250°F / -40 to 125°C).											
Customized temp. range											
<b>Temperature Class (Ex/IS only)</b>											
T6 (-40, +125F / -40, +50C ambient & media temp) - USE T4 unless factory is consulted first.											
T4 (-40, +185F / -40, +85C ambient, 230F / 110C media temp)											
T3 (-40, +250F / -40, +125C ambient, 300F / 150C media temp) - with cooling fins											
<b>Options</b>											
Pressure snubber											A
Electronics packed in gel (gauge sensors) - Included as standard at no cost on Ex/IS versions.											C
(absolute & sealed gauge) - Included as standard at no cost on Ex/IS versions.											D
Special oil filling: Anderol (for food applications)											G
Halocarbon (for oxygen applications, sensor free of oil and grease)											H
PAO4 (silicone free)											Q
Seals: Viton (Standard)											U
EPDM seals											S
Kalrez											T
Titanium construction											K
Fully welded version (max. 1,450 psi FS)											V
Elastomer free (non-welded) NACE compatible version (FS pressures 350psi to 10,000psi, up to 20,000psi only with code 83 or 84 pressure fitting)											N

Available with Ex, but not IS version  
Available with Ex, but not IS version

NOTES:

**STS Precision Pressure Transmitter Ordering Code Effective 2019**

- 1) Cable socket not included
- 2) Demountable version