



Analog Output Pressure Transmitters

ATM.1st	X	X	X	X	X	X	X	X	X	X	X	X	X
ATM.1st/IS or /Ex or /EECEX	X	X	X	X	X								
Pressure type													
Gauge	1												
Absolute	2												
Sealed gauge	3												
Pressure range													
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										
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 SAE-4 male), with 7/16-20UNE-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								
Electrical connection													
Connector DIN43650 plastic PA ¹⁾²⁾					0	1							
Connector Mini DIN43650 plastic PA ¹⁾²⁾					6	5							
Connector per MIL-C-26482, 300 Series St.St. Hermetic (10-6 pin layout) ¹⁾					8	0							
Connector Teledyne Impulse MCBH-4MP-SS PE (polyethylene) cable, black, with cable gland					8	5							
price per foot					1	3							
PUR (polyurethane) cable, black with cable gland (not for Ex/IS versions)					1	5							
price per foot													
PUR (polyurethane) cable, BLACK with cable gland (not for Ex/IS versions) w/IP68 Submersible cable seal					2	4							
price per foot													
PUR (polyurethane) cable, BLUE with cable gland (for Ex/IS versions only)					1	7							
price per foot													
PUR cable, black, with anti-kink nozzle					1	6							
price per foot													
PUR cable, BLUE, with anti-kink nozzle (for Ex/IS versions only)					1	8							
price per foot													
Teflon cable, black, with cable gland					2	1							
price per foot													
Teflon cable, BLUE, with cable gland (for Ex/IS versions only)					2	2							
price per foot													
1/2" NPT Male Conduit Fitting with Black PUR cable					6	3							
price per foot													
1/2" NPT Male Conduit Fitting with Black Teflon cable					6	8							
price per foot													
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 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		
Temperature range (non-Ex/IS only)													
32 to 160°F / 0 to 70°C comp. (media temp. -40 to 212°F / -40 to 100°C)												0	
-15 to 212°F / -25 to 100°C comp. (media temp. -40 to 250°F / -40 to 125°C)												1	
-15 to 212°F / -25 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C), with cooling fins												2	
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 250°F / -40 to 125°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	
-40 to 250°F / -40 to 125°C comp. (media temp. -40 to 250°F / -40 to 125°C).												6	
Customized temp. range												9	
Temperature Class (Ex/IS only)													
T6 (-40..+125F / -40..+50C ambient & media temp) - USE T4 unless factory is consulted first.												0	
T4 (-40..+185F / -40..+85C ambient, 230F / 110C media temp)												1	
T3 (-40..+250F / -40..+125C ambient, 300F / 150C media temp) - with cooling fins												2	
Options													
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:
1) Cable socket not included
2) Demountable version