Data Sheet



A2X Explosion/Flame Proof Pressure Transmitter

FEATURES

- Rugged housing
- Highly configurable: wide selection of pressure ranges and pressure connections.
- Output: select voltage or current versions

TYPICAL USES

- Oil field equipment
- Upstream oil and gas production
- Natural gas compression and transfer control
- Alternative energy projects

PERFORMANCE SPECIFICATIONS						
Reference Temperature:	70 °F (21 °C)					
Accuracy Class:	±0.25%, ±0.5%, ±1.0% of span Terminal Point Method includes: non-linearity, hysteresis, non-repeatability, zero offset and span setting errors					
Best Fit Straight Line (BFSL):	$\pm 0.2\%$, $\pm 0.4\%$, $\pm 0.5\%$ of span Add $\pm 0.05\%$ for ranges >5,000 psi					
Durability:	>10 million cycles					
Stability:	≤±0.25% span/year at reference conditions					

ENVIRONMEN	TAL SPECIFIC	ATIONS
Temperature Effects:	±1.0% of span f	(-20 °C to 85 °C) for ±0.25% accuracy class or ±0.5% and ±1.0% accuracy class
Temperature Limits:	Operating:	$\begin{array}{l} -40~^\circ F \ to \ 257~^\circ F \ (-40~^\circ C \ to \ 125~^\circ C) \\ -40~^\circ F \ to \ 257~^\circ F \ (-40~^\circ C \ to \ 125~^\circ C) \\ -4~^\circ F \ to \ 185~^\circ F \ (-20~^\circ C \ to \ 85~^\circ C) \end{array}$

Humidity Effects: 0-95% R.H. non-condensing (no effects)

0-100% R.H. with welded enclosure (no effects)

FUNCTIONAL SPECIFICATIONS

©2024 Ashcroft Inc. A2x_transducer_ds_RevG_10-24-24

Response Time:	<2ms				
Pressure Ranges:	Vacuum, gauge, compound and absolute pressure from 0 to 5 psi through 0 to 10,000 psi (Bar ranges available)				
Shock:	100 g Peak, 11 ms				
Random Vibration:	10 g RMS, 20-2,000 Hz				
Sweep Vibration:	50-2,000 Hz, 5 g peak				
Position Effect:	±0.02%, typical				
Overpressure: ≤300 psi ≥500 to ≤10,000 psi	Proof: 1.5 X Range 1.2 X Range	Burst: 2 X Range 1.5 X Range			



Explosion/Flame Proof Pressure Transmitter







KEY BENEFITS

- Provides the user with accurate, reliable, and stable output data
- Board microprocessor provides extremely linear and precise performance over the entire pressure and temperature range
- Explosion-proof and flame-proof approvals

ELECTRICAL SPECIFICATIONS

Circuit Protection:	Reverse polarity and mis-wire protected				
Insulation Resistance (Circuit Case):	100 MΩ @ 30 Vdc				
Output Signal:	Supply Voltage: (unregulated) Min. Max.				
0-5 Vdc (3 Wire)	12 Vdc	36 Vdc			
0-10 Vdc (3 Wire)	14 Vdc 36 Vdc				
1-5 Vdc (3 Wire)	10 Vdc 36 Vdc				
1-6 Vdc (3 Wire)	10 Vdc	36 Vdc			
4-20 mA (2 Wire)	12 Vdc	36 Vdc			
Electrical Termination:	$\ensuremath{\mathcal{V}}_2$ NPT Male conduit with flying leads or shielded cable				
Note:	*30 Vdc Max for Intrinsically Safe installations				

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A2X Explosion/Flame Proof Pressure Transmitter

PHYSICAL SPECIFICATIONS

Environmental IP65, NEMA 7,9

Rating:

HAZARDOUS AREA CERTIFICATIONS

Explosion Proof: Explosion Proof-cUL (USL/CNL):

Class I, Div 1 & 2, Groups A, B, C and D Class II, Div 1 & 2, Groups E, F and G Flame Proof – ATEX: Ex d IIC T4

NOTE: For 4-20 mA units following approvals also

apply:

Intrinsically Safe - FM/CSA

Intrinsic Safety: Class I, II and III Div. 1 and 2 Groups A, B, C, D, F and G per entity requirements

see Ashcroft drawing #825A022

Non-incendive: Class I, II and III Div. 2, Groups A, B,

C, D, F and G, no barriers needed

OPTIONAL FEATURES

Sensor Material: 17-4 PH® Stainless steel

Calibration: Non-standard

Consult factory for: Cleaned for Oxygen services

WETTED MATERIAL					
Diaphragm	Process Connection				
316L Stainless steel	316L Stainless steel				

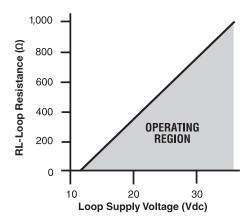
NON-WETTED

Housing

304 Stainless steel

LOAD LIMITATIONS 4-20 mA OUTPUT ONLY

Load Limitations 4-20mA Output Only



 $Vdc_{Min} = 12V + (0.022A^* X (RL))$

 $R_L = R_S + R_W$

 $R_i = Loop Resistance (ohms)$

 R_s^L = Sense Resistance (ohms)

 $R_{w} = \text{Wiring Resistance (ohms)}$

* (Includes a 10% safety factor)

Data Sheet



A2X Explosion/Flame Proof Pressure Transmitter

22. Explosion/flame proof pressure transmitter	ORDERING CODE	Example:	A2X	Α	M01	05	C2	50#	G	-X6B
A A A A A A A A A A	Model									
No. 2.6 2.6	A2X - Explosion/flame proof pressure transmitter		A2X							
3 - 0.50% £2.0% £2.0% £2.0° €0.0 85° €0. 1 - 0.50% £2.0% £2.0° €0.0 85° €0. 1 - 0.50% £2.0% £2.0° €0.0 85° €0. 1 - 1.5% PIF Female 102 - 1.5% PIF Female 103 - 1.5% PIF Female 104 - 1.5% PIF Female 105 - 1.5% PIF Female 106 - 1.5% PIF Female 107 - 1.5% PIF Female 108 - 1.5% PIF Female 109 - 1.5% PIF Female 100 - 1.5% PIF Male 100	Accuracy/Temp. Effects									
2- 1.0%/s2.0%(-20 °C to 85 °C) ressure Connection 01 - ½ N HPT Female 02 - ½ N FPT Female 03 - ½ N FPT Female 04 - ½ N PT Female 05 - ½ N FPT Female 06 - ½ N FPT Female 07 - ½ N FPT Female 08 - ½ N FPT Female 09 - ½ N FPT Male 01 - ½ N FPT Male 00 - ½ N FPT Male	A - 0.25%/≤1.0%(-20 °C to 85 °C)			Α						
Versure Connection	B - 0.50%/≤2.0%(-20 °C to 85 °C)									
01 - ½ NPT Female 02 - ½ NPT Female 03 - ½ NPT Female 04 - ½ NPT Female 04 - ½ NPT Female 05 - ½ NPT Male 06 - ½ NPT Male 07 - ½ NPT Male 08 - ½ NPT Male 08 - ½ NPT Male 09 - ½ NPT Male 00 - ½ NPT Monduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 10 - 3 Shielded cable 10 - ½ NPT M Conduit Shielded cable	C - 1.0%/≤2.0%(-20 °C to 85 °C)									
02 - '\(\) NPT Female 09 - \(\) '\(\) PT Male 09 - \(\) '\(\) PT Male 00 - \(\) NPT Monduit Shielded Cable (NEMA Rating not valid for ranges \(\) NPT Monduit Shielded cable 00 - \(\) NPT Monduit Shielded cable 01 - \(\) NPT Monduit Shielded cable 02 - \(\) NPT Monduit Shielded cable 03 - \(\) NPT Monduit Shielded cable 04 - \(\) NP	Pressure Connection				-					
04 - 1/s NPT Female 09 - 1/s - 18 (½) Female (Aminco®) RW - 1/s - 20 SAE - Female 010 - 1/s NPT Male 010 - 1/s	F01 - 1/8 NPT Female									
99 - "yi-18 (%)-Female (Aminco") RW - "yi-20 SAE-Female 001 - ½ NPT Male 002 - ¼ NPT Male 003 - ¼ NPT Male 004 - ½ NPT Male 005 - ¼ NPT Male 006 - ¼ NPT Male 007 - ¾ NPT Male 008 - ¾ NPT Male 009 - ¾	F02 - 1/4 NPT Female									
RIW ½ - ½ - 20 SAE-Female // 10 - ½ NPT Male // 10 - ½ NPT NPT Male // 10 - ½ N	F04 - ½ NPT Female									
M01	F09 - %16-18 (1/4)-Female (Aminco®)									
1002 - ½ NPT Male 1010 - ½ NPT	FRW - 7/16-20 SAE-Female									
### #################################	M01 - 1/8 NPT Male				M01					
## A # A # A # A # A # A # A # A # A #	M02 - 1/4 NPT Male									
MG2 - G¼ Male MG4 - G½ Male MG4 - G½ Male MG2 - %6-18 Male nut (compatible 1/4 VCR® fitting) MF2 - %6-18 Female nut (compatible 1/4 VCR® fitting) MF3 - Sanitary seal 1½ Tri-Clamp® Dutput Signal 5 - 0-5 Vdc	M04 - ½ NPT Male									
MG4 - G½ Male MG2 - ¾6-18 Male nut (compatible 1/4 VCR* fitting) FF2 - ¾6-18 Female nut (compatible 1/4 VCR* fitting) S15 - Sanitary seal 1½ Tri-Clamp* S20 - Sanitary seal 2² Tri-Clamp* D45 - 0-5 Vdc	MEK - 7/16-20 SAE-Male									
M2 - %e-18 Male nut (compatible 1/4 VCR® fitting) F72 - %e-18 Female nut (compatible 1/4 VCR® fitting) F72 - %e-18 Female nut (compatible 1/4 VCR® fitting) B15 - Sanitary seal 1½" Tri-Clamp® 20 - Sanitary seal 2" Tri-Clamp® 20 - Sanitary seal 2" Tri-Clamp® 20 - 10 Vdc 5 - 1-5 Vdc 6 - 1-6 Vdc 2 - 4-20 mA 2 NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) B1 - 3" Shielded cable B2 - 15 Shielded cable B3 - 15 Shielded cable B4 NPT-M Conduit Tyling Leads (NEMA Rating not valid for ranges ≤300 psi) B5 - 10" Shielded cable B5 - 10" Flying leads B7 - 10" Flying l	MG2 - G1/4 Male									
Fig. 2 % 6-18 Female nut (compatible 1/4 VCR® fitting)	MG4 - G½ Male									
Fig. 2 % 6-18 Female nut (compatible 1/4 VCR® fitting)	VM2 - %16-18 Male nut (compatible 1/4 VCR® fitting)									
20 - Sanitary seal 1½" Tri-Clamp® 20 - Sanitary seal 2" Tri-Clamp® 20 - Sanitary seal 2" Tri-Clamp® 25 - 0-5 Vdc 26 - 0-0 10 Vdc 36 - 1-6 Vdc 37 - 30" Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 37 - 30" Shielded cable 8-9										
220 - Sanitary seal 2"Tri-Clamp® Dutput Signal 5 - 0-5 Vdc 0 - 0-10 Vdc 5 - 1-5 Vdc 6 - 1-6 Vdc 2 - 4-20 mA Electrical Termination 4 NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 11 - 3' Shielded cable 26 - 15' Shielded cable 27 - 30' Shielded cable experify length 4 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 25 - 3' Flying leads C2 55 - 10' Flying leads C2 56 - 10' Flying leads C3 6- Gauge pressure 6- Gauge pressure 7- Absolute pressure (Not available with X6B option) Dition (if including an option(s) must include an "X") X 21 - 17-4PH® Stainless steel sensor material	S15 - Sanitary seal 11/2" Tri-Clamp®									
Dutput Signal	S20 - Sanitary seal 2" Tri-Clamp®									
15 - 0 - 5 Vdc 0 - 0 - 10 Vdc	Output Signal					-				
55 - 1-5 Vdc 66 - 1-6 Vdc 22 - 4-20 mA Electrical Termination 26 NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) C1 - 3' Shielded cable C56 - 15' Shielded cable C57 - 30' Shielded cable C77 - Shielded cable specify length 26 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) C2 - 3' Flying leads C2 - 3' Flying leads C3 - 10' Flying leads C4 - Shielded cable on page 4) C6 - Gauge pressure C6 - Gauge pressure (Not available with X6B option) C7 - Shielded cable on page 4) C8 - Absolute pressure (Not available with X6B option) C9 - Shielded cable on page 4) C9 - Shielded	05 - 0-5 Vdc					05				
6 - 1-6 Vdc 2 - 4-20 mA Electrical Termination 2 *A PT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 21 - 3' Shielded cable 36 - 15' Shielded cable 37 - 30' Shielded cable 37 - 30' Shielded cable 37 - Shielded cable 38 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable specify length 3 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable specify length 3 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable specify length 3 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable specify length 3 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30' Shielded cable 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 30 *APT-M Conduit Flying Leads (NEMA Rating not valid for ra	10 - 0-10 Vdc						-			
22 - 4-20 mA Selectrical Termination 2 NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 21 - 3 'S hielded cable 25 - 15 'Shielded cable 27 - Shielded cable 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 29 - 3 Flying leads 20 - 3 Flying leads 20 - 3 Flying leads 20 - 5 Floressure Range (see range table on page 4) 20 - 5 psi 30 Measurement Type 3 - Cauge pressure 4 - Absolute pressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 20 - 10 Floressure (Not available with X6B option) 3 - 17 - 4PH® Stainless steel sensor material	15 - 1-5 Vdc						-			
A NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) 21 - 3' Shielded cable 25 - 15' Shielded cable 27 - 30' Shielded cable 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 29 - 3' Flying leads 20 - 3' Flying leads 20 - 3' Flying leads 20 - 50 psi 30 - 50 psi 30 - Gauge pressure 30 - Gauge pressure (Not available with X6B option) 20 - 4bsolute pressure (Not available with X6B option) 20 - 50 - 50 - 50 - 50 - 50 - 50 - 50 -	16 - 1-6 Vdc									
A NPT-M Conduit Shielded Cable (NEMA Rating not valid for ranges ≤300 psi) C1 - 3' Shielded cable C5 - 10' Shielded cable C7 - 30' Shielded cable C8 - 3' Flying leads (NEMA Rating not valid for ranges ≤300 psi) C2 - 3' Flying leads C3 - 5 - 10' Flying leads C8 - 50 psi C9 - 50 psi C9 - 50 psi C9 - 50 psi C9 - 6 - Gauge pressure C9 - Gauge pressure (Not available with X6B option) C9 - 50 ption (if including an option(s) must include an "X") C1 - Non-standard calibration C3 - 17-4PH® Stainless steel sensor material	42 - 4-20 mA									
21 - 3' Shielded cable 26 - 15' Shielded cable 27 - 30' Shielded cable 27 - Shielded cable specify length 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 29 - 3' Flying leads 20 - 3' Flying leads 30 - 15' Flying lea	Electrical Termination						-			
26 - 15' Shielded cable 27 - 30' Shielded cable 27 - Shielded cable specify length 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 22 - 3' Flying leads 35 - 10' Flying leads 36 - So psi 37 - So psi 38 - So psi 39 - So psi 30 - Absolute pressure (Not available with X6B option) 39 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 31 - Absolute pressure (Not available with X6B option) 32 - Absolute pressure (Not available with X6B option) 33 - Absolute pressure (Not available with X6B option) 34 - Absolute pressure (Not available with X6B option) 35 - Absolute pressure (Not available with X6B option) 36 - Absolute pressure (Not available with X6B option) 37 - Absolute pressure (Not available with X6B option) 38 - Absolute pressure (Not available with X6B option) 39 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 31 - Absolute pressure (Not available with X6B option) 32 - Absolute pressure (Not available with X6B option) 32 - Absolute pressure (Not available with X6B option) 33 - Absolute pressure (Not available with X6B option) 34 - Absolute pressure (Not available with X6B option) 35 - Absolute pressure (Not available with X6B option) 36 - Absolute pressure (Not available with X6B option) 37 - Absolute pressure (Not available with X6B option) 38 - Absolute pressure (Not available with X6B option) 39 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available with X6B option) 30 - Absolute pressure (Not available	1/2 NPT-M Conduit Shielded Cable (NEMA Rating not v	alid for ranges ≤300 ps	si)							
27 - 30' Shielded cable 27 - Shielded cable specify length 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 22 - 3' Flying leads 25 - 10' Flying leads 36 - 30 psi 36 - 30 psi 37 essure Range (see range table on page 4) 38 - Absolute pressure (Not available with X6B option) 39 tion (if including an option(s) must include an "X") 30 ption (if including an option(s) must include an "X") 30 ption (if -4PH® Stainless steel sensor material	C1 - 3' Shielded cable									
77 - Shielded cable specify length 28 NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) 29 - 3' Flying leads 20 - 5' - 10' Flying leads 21 - 5' - 10' Flying leads 22 - 3' Flying leads 23 - 10' Flying leads 24 - 10' Flying leads 25 - 10' Flying leads 26 - 3' Flying leads 27 - 10' Flying leads 28 - 10' Flying leads 29 - 50 psi 20 - 50 psi 20 - 50 psi 20 - 50 psi 20 - 6 augue pressure 30 - 6 augue pressure 31 - 10' Flying leads 32 - 10' Flying leads 33 - 10' Flying leads 34 - 10' Flying leads 35 - 10' Flying leads 36 - 6 augue pressure 48 - 10' Flying leads 50 # 10' Flying lead	C6 - 15' Shielded cable									
A NPT-M Conduit Flying Leads (NEMA Rating not valid for ranges ≤300 psi) C2 - 3′ Flying leads C3 - 10′ Flying leads C4 Pressure Range (see range table on page 4) C6 - 50 psi C7 - 50 psi C8 - Gauge pressure C9 - Gauge pressure C9 - Gauge pressure (Not available with X6B option) C9 - Total Calibration C9 - Total Calib	C7 - 30' Shielded cable									
22 - 3' Flying leads C2 - 3' Flying leads C3 - 10' Flying leads C4 - 50 psi C5 - 10' Flying leads C5 - 50 psi C6 - 50 psi C7 - 50 psi C8 - Gauge pressure C9 - Gauge pressure C9 - Gauge pressure (Not available with X6B option) C9 - 50 psi C9 - C4 psi	P7 - Shielded cable specify length									
25 - 10' Flying leads Pressure Range (see range table on page 4) 0# - 50 psi 6- Gauge pressure 3- Gauge pressure 4- Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") XL - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	1/2 NPT-M Conduit Flying Leads (NEMA Rating not vali	id for ranges ≤300 psi)								
Pressure Range (see range table on page 4) 10# - 50 psi 150# 16a- Gauge pressure 16a- Gauge pressure (Not available with X6B option) 16a- Absolute pressure (Not available with X6B option) 16a- Option (if including an option(s) must include an "X") 16a- Non-standard calibration 16a- 17-4PH® Stainless steel sensor material	C2 - 3' Flying leads	•					C2			
50# - 50 psi Measurement Type 3 - Gauge pressure 4 - Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") X - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	C5 - 10' Flying leads									
50# - 50 psi Measurement Type 3 - Gauge pressure 4 - Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") X - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	Pressure Range (see range table on page 4)									
Measurement Type G - Gauge pressure G - Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") CL - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	50# - 50 psi							50#		
G - Gauge pressure G - Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") X - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	Measurement Type									
A - Absolute pressure (Not available with X6B option) Option (if including an option(s) must include an "X") X - CL - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	G - Gauge pressure								G	
Option (if including an option(s) must include an "X") CL - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	A - Absolute pressure (Not available with X6B option)									
SL - Non-standard calibration (8 - 17-4PH® Stainless steel sensor material	Option (if including an option(s) must include an "X")									X
(8 - 17-4PH® Stainless steel sensor material	CL - Non-standard calibration									
B - Cleaned for oxygen service (Not available with absolute ranges)	K8 - 17-4PH® Stainless steel sensor material									
Sistematics of the statematic truli about the	6B - Cleaned for oxygen service (Not available with absol	lute ranges)								6B

Data Sheet

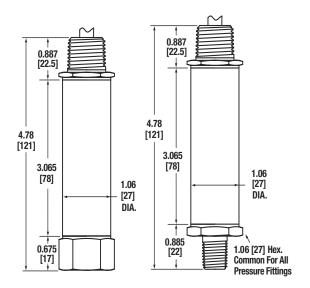


A2X Explosion/Flame Proof Pressure Transmitter

DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Explosion / Flame Proof Enclosure



		A2	RANGE TABLE
E	Range	Code	Notes
Vacuum	0 psi/-14.7 psi	0#&vac	17-4 PH® SS sensor not available, gauge pressure only
	15 psi/-14.7 psi	15#&vac	17-4 PH® SS sensor not available, gauge pressure only
Compound	30 psi/-14.7 psi	30#&vac	17-4 PH® SS sensor not available, gauge pressure only
Comp	45 psi/-14.7 psi	45#&vac	Gauge pressure only
	60 psi/-14.7 psi	60#&vac	Gauge pressure only
	1.5 psi	1.5#	17-4 PH® SS sensor not available, gauge pressure only, available with accuracies B or C only
	5 psi	5#	17-4 PH® SS sensor not available, gauge pressure only
	10 psi	10#	17-4 PH® SS sensor not available, gauge pressure only
	15 psi	15#	17-4 PH® SS sensor not available
	30 psi	30#	17-4 PH® SS sensor not available
	50 psi	50#	
	60 psi	60#	
	75 psi	75#	
	100 psi	100#	
	150 psi	150#	
	200 psi	200#	
anre	300 psi	300#	
Positive Pressure	500 psi	500#	
sitive	750 psi	750#	
Po	1,000 psi	1000#	
	1,500 psi	1500#	
	2,000 psi	2000#	
	3,000 psi	3000#	
	5,000 psi	5000#	
	6,000 psi	6000#	
	7,500 psi	7500#	
	10,000 psi	10000#	17-4 PH® SS sensor required