

HAZARDOUS LOCATIONS

EXPLOSION PROOF PRESSURE TRANSMITTER A2X SERIES



DESCRIPTION

The **Ashcroft A2X Series Explosion Proof Pressure Transmitter** is exceptionally stable and is virtually unaffected by shock, vibration, or orientation. These explosion proof Pressure transmitters are ideal for monitoring pressures in explosive atmospheres.

NEW!

ASHCROFT



FEATURES

- **Class I, Division 1 & 2, Groups A, B, C, D;**
- **0.25% accuracy, all ranges**
- **4-20 mA, loop powered**
- **Ranges from 100-500 psig (690-3448 kPa)**

OPERATION

Wiring

Red + Power
Black - Output



A2XB

8

HAZARDOUS LOCATIONS

SPECIFICATIONS

Supply Voltage	12-36 VDC	Process connection	1/8" NPT male
Accuracy	±0.25% full scale	Area	Class I, Division 1 & 2, Groups A, B, C, D
Output	4-20 mA @ 500	Dimensions	4.8" Long x 1.1" Diameter (12.1 x 2.7 cm) with 3' (0.9 m) whip
Overpressure	Proof 200%, Burst 800%	Approvals	CE, UL File E152893
Operating Temperature	-40° to 257°F (-40° to 125°C)	Weight	1.0 lb (0.45 kg)
Response time	≤1 ms	Warranty	1 year
Material of Construction	316L stainless steel		

CAUTION: Intrinsically safe devices require the use of an intrinsic safety barrier when applied in hazardous locations. Provide wiring and grounding strictly in accordance with manufacturer's instructions. When a K1 Series transmitter is combined with the Model MTL7706 intrinsic safety barrier, total cable capacitance between the two must be limited to 0.12 µF. Total cable inductance must be limited to 4.0 mH (equivalent to 2700'/823m maximum Belden™ #8760 18/2 shielded twisted pair cable 0.18 µH/FT, 44 pF/FT).

ORDERING INFORMATION

MODEL

A2XAM0142C1100
A2XAM0142C1200
A2XAM0142C1500

DESCRIPTION

Explosion Proof Pressure Transmitter, 0-100 psi (690 kPa)
Explosion Proof Pressure Transmitter, 0-200 psi (1379 kPa)
Explosion Proof Pressure Transmitter, 0-500 psi (3448 kPa)

RELATED PRODUCTS

DCPA-1.2
DCP-1.5-W

Power supply, 120 VAC In to 24 VAC/24 VDC Out
Power supply, 24 VAC IN to 24 VDC OUT