



DESCRIPTION

The **Ashcroft CXLdp Series Differential Pressure Transmitters** are designed for use with clean, dry, air and other clean, dry, non-corrosive gases. The **CXLdp Series** features a standard accuracy of 0.80%, an optional accuracy of 0.40%, 4-20 mA output, optional 0-10 V or 0-5 V output and a standard DIN rail mount.

FEATURES

- **Reliable and repeatable, stable capacitive sensor**
- **Reverse polarity protected**
- **High proof pressure, 15 psid**
- **DIN rail mount**
- **Power indication LED**
- **Optional NIST traceable calibration**



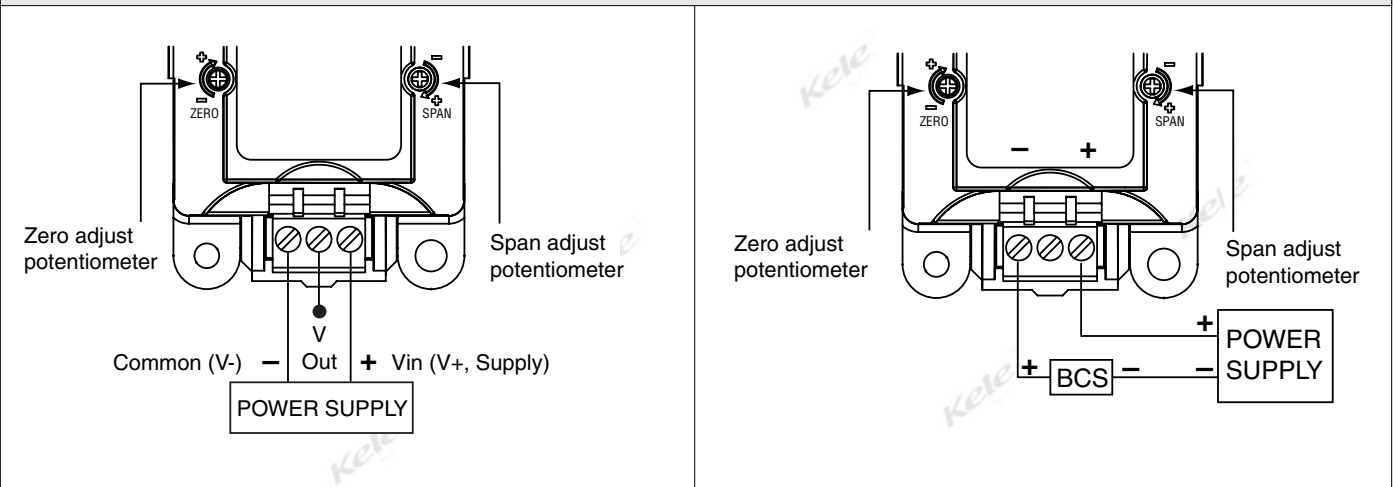
CXLdp



SPECIFICATIONS

Supply Voltage	12-36 VDC	Proof Pressure	15 psid (103 kPa)
Supply Current	<6 mA for voltage output	Burst Pressure	25 psid
Signal Output	4-20 mA @ 545Ω, 0-10 V	Response Time	250 ms
Maximum Output Impedance mA	545Ω @ 24 VDC (up to 1091Ω @ 36 VDC)	Media Compatibility	Clean, dry air and non-corrosive gases
Accuracy	0.8%, 0.4% ± 0.03% span/°F	Dimensions	1.9"W x 3.3"H x 1.3"D (4.8 x 8.5 x 3.3 cm)
Stability	±0.5% FS/yr	Approvals	CE, RoHS
Operating Temperature	0° to 160°F (-18° to 71°C)	Weight	0.16 lb (0.07 Kg)
Compensated Temperature Range	35° to 130°F (2° to 54°C)	Warranty	3 years

WIRING





PRESSURE

DIFFERENTIAL PRESSURE TRANSMITTERS

CXLDP SERIES

ORDERING INFORMATION

MODEL	DESCRIPTION
CX	CXLdp differential pressure transmitter
4	0.4% accuracy
8	0.80% accuracy
MB2	1/4" barbed stainless steel fittings
F01	1/8" FNPT
42	4-20 mA signal output
10	0-10 VDC signal output
PRESSURE RANGE "W.C.	
P1IW	0-0.1
P25IW	0-0.25
P5IW	0-0.5
1IW	0-1.0
2IW	0-2.0
2P5IW	0-2.5
3IW	0-3.0
5IW	0-5.0
10IW	0-10.0
P1IWL	±0.1
P25IWL	±0.25
P5IWL	±0.5
1IWL	±1.0
2IWL	±2.0
2P5IWL	±2.5
3IWL	±3.0
5IWL	±5.0
10IWL	±10.0

XRH - NIST traceable 9 point calibration report

CX **7** **MB2** **42** **P1IWL** **Example: CX-7-MB2-42-ST-P1IWL** Differential pressure transmitter with 1.0% accuracy that measures from -0.1" to 0.1" W.C. with a 4-20 mA output

RELATED PRODUCTS

DCPA-1.2	Power supply, 120 VAC In to 24 VAC/24 VDC Out
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT
101A213-01	1/2" conduit/plenum kit for CXLdp transmitter