



DESCRIPTION

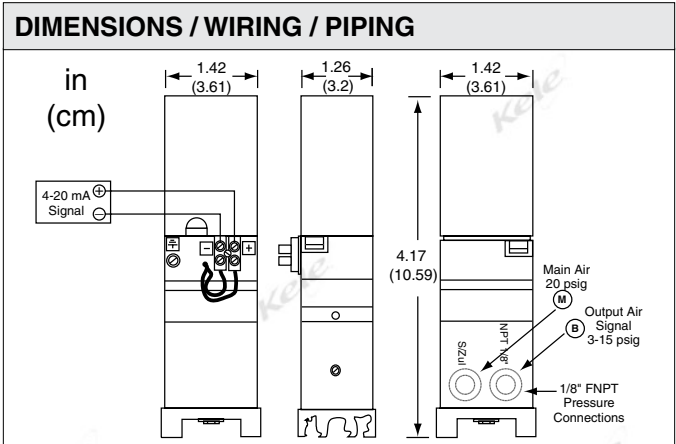
The **ABB 22/07-16 current/pneumatic transducer** is a compact, high performance instrument providing many of the same characteristics that are found on industrial-grade transducers. This I/P transducer is designed for high air capacity HVAC applications where mounting space is limited and an industrial appearance is important.

FEATURES

- **Loop-powered control**
- **Small size**
- **Mounts in any position**
- **High air capacity**
- **High repeatability**
- **DIN rail mounting**

OPERATION

The **22/07-16** converts a 4-20 mA signal to a 3-15 psig (21-103 kPa) pressure signal using a unique converting system with a stationary coil and low-mass moving magnet that gives this unit high repeatability and reliability. The unit is not sensitive to vibrations or shock and can be mounted in any position without recalibration. The **22/07-16** is supplied with screw-type terminals for electric connection and 1/8" FNPT ports for pneumatic connections. A clip-on base is provided for DIN rail mounting.



SPECIFICATIONS

Supply Voltage	None, loop powered	Air Consumption	0.08 scfm (37.8 cm ³ /s) @ 20 psig (138 kPa) supply
Input	4-20 mA	Maximum Pressure	40 psig (276 kPa)
Input Impedance	200Ω nominal	Linearity	3%
Output	3-15 psig (21-103 kPa), linear to input and direct acting	Hysteresis	0.3%
Wiring Terminations	Screw terminals	Operating Temperature	-40° to 180°F (-40° to 82°C)
Air Capacity	2764 scim (755 cm ³ /s) @ 20 psig (138 kPa) supply	Weight	0.6 lb (0.3 kg)
Air Connections	1/8" FNPT	Approvals	CE
		Warranty	1 year

ORDERING INFORMATION

MODEL	DESCRIPTION
7958057	Current/pneumatic transducer, 4-20 mA input, 3-15 psig (21-103 kPa) output Note: Part #7958057 is formerly Part #22/07-16
RELATED PRODUCTS	
PG-05	Pressure gauge, 0-30 psig (10-200 kPa), 1.5" dial, 1/8" NPT center back mount
B-132	1/4" barb x 1/8" MNPT fitting
B-373-1	Gauge tee with mounting tabs
BAM-1000	35 mm aluminum DIN mounting rail 39.4" (1m)
DIN-3F	35 mm DIN rail, steel, 39.4" (1m), RoHS compliant