

CURRENT TO PRESSURE TRANSMITTER

- Industry Standard Valve
- Updated Electronics
- 4...20mA or 2...10VDC

The VIP-9000 is an I/P or V/P transducer for interfacing electronic control panels to pneumatic valves. A 4...20 mA or 2...10 VDC (capable of delivering 20 mA) input signal is converted by the electronics to a 3 to 15 psi pneumatic signal to position dampers and valve actuators.

We have incorporated a very low air consumption industry standard valve with new electronics to provide excellent reliability with flexible voltage or current inputs.



TECHNICAL DATA

Input Signal 4 ... 20 mA or 2 ... 10 VDC. Voltage signals must be capable of delivering 20 mA.

Input Impedance 500 ohms

Output Signal 3 to 15 psi

Air Supply Required 20 psi nominal, 30 psi maximum, clean, dry, oil free air required. Add in-line filter if necessary.

Air Consumption for Sizing 0.008 scfm at 15 psi

Air Capacity for Air Mains Size 16 scim

Maximum Air Capacity 515 scim at 20 psi supply

Linearity +/- 1% of span

Hysteresis 0.75% of span

Operating/Storage Temperature -29 to 60C / -40 to 71C (-20 to 140F/-40 to 160F)

Humidity 5 to 95% rH, non-condensing

Dimensions 3-7/8"H x 3"W x 2-1/2" D
(98x76x67mm)

Connections Screw terminal and barbed fittings for 1/4" OD plastic tubing

Mounting Upright position. Supplied with plastic track for panel mounting

ORDERING DATA

VIP-9000

ACCESSORIES

PRESSURE GAUGE

Size 1 1/2" dia
Mount 1/8" NPT back
Range 0+30psi/0+200kPa
Accuracy 2%
Movement Bourdon tube
ORDER # VIP-PG



MOUNTING "T"

Thread 1/8" NPT female
Hose 1/4" O.D./0.170 I.D.
Material Brass
Mount Through tab holes
ORDER # VIP-T



BETTER INLINE FILTER

This filter is rated at 0.2 microns and changes colour when contaminated by oil. Use to protect VIP-9000.
Hose 1/4" O.D./0.170 I.D.
ORDER # VIP-F02



GOOD INLINE FILTER

This filter is rated at 10 microns. Does not change colour. Use to protect VIP-9000 from dirt particles only.
Hose 1/4" O.D./0.170 I.D.
ORDER # VIP-F10



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ENERCORP

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