



## RP7517A1009

Electronic Pneumatic Transducer

### Product Info

### Literature

#### Overview

Electronic-Pneumatic Transducers are used in electronic-pneumatic control systems to convert a proportional electric output signal from a controller into a direct-acting, proportional pneumatic signal.

#### Features

- Screw mounting or snap rail (models with cover).
- Factory calibrated.
- Dual barb fittings.
- High accuracy.

#### Product Specifications

Application	Electric to pneumatic Transducer
Airflow Usage	0.025 scfm (117mL/s)
Dimensions (in.)	2 7/16 in. wide x 3 5/8 in. high x 2 in. deep
Dimensions (mm)	62 mm wide x 92 mm high x 52 mm deep
Maximum Safe Operating Pressure (psi)	30 psi, maximum
Maximum Safe Operating Pressure (kPa)	205 kPa, maximum
Temperature Range (F)	131 F, maximum
Temperature Range (C)	55 C, maximum
Includes	With cover, without internal power supply (2-wire)
Electrical Connections	30 in. (762 mm) lead wire
Operating Humidity Range (% RH)	5 to 95% RH
Voltage	Powered by Control signal
Pressure Range (psi)	0 to 18 psi; Output--3 to 15 psi
Pressure Range (kPa)	0 to 125 kPa; Output--21 to 103 kPa
Input Signal	2 to 10 Vdc
Air connections	Dual barb-fittings for 1/4 in. or 5/32 in. O.D. plastic tubing
Capacity	0.45 scfm (211 mL/s)
Nominal High End (psi)	16 psi with 18 psi main pressure at 12 Vdc
Nominal High End (kPa)	110 kPa with 125 kPa main pressure at 12 Vdc
Nominal Low End (psi)	0.5 psi at 0 Vdc
Nominal Low End (kPa)	3.5 kPa at 0 Vdc
Current	16 mA

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