Sensor W/ Proportional Analog Current/Voltage Output

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PTP



Input

Pressure

Outpu

Analog

Three models of the PTP accept either a 3 to 15, 3 to 30, or 0 to minus 7.5 psig pneumatic pressure input and convert it to one of four proportional analog output ranges of 1-5, 2-10, 3-15 VDC or 4-20 mA which are jumper shunt selectable. The PTP is a positive current output device that is fully temperature compensated. A plugged gauge port is provided in the aluminum manifold for local mechanical indication via an optional 0 to 30 psi gauge.

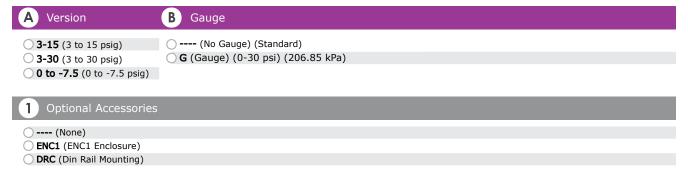
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SPECIFICATIONS	
Supply Voltage	Regulated 24 VDC or 24 VAC, -6%/+10%
Supply Current	50 mA maximum @ 24 VDC
Output Voltage Range	1 to 5 VDC @ 250Ω minimum 2 to 10 VDC @ 500Ω minimum 3 to 15 VDC @ 750Ω minimum
Output Current Range	4 to 20 mA @ 500Ω maximum
Accuracy	2% full scale at room temperature 3% full scale across operating temperature range
Input Pressure Range (Factory Set)	3 to 15 psig (PTP 3-15), 3 to 30 psig (PTP 3-30) 0 to minus 7.5 psig (PTP 0 TO 7.5)
Operating Temp/RH	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing

ORDERING

Please select a Version (A) & one Gauge (B). Choose an Optional Accessory (1) if desired.



BUILD PART NUMBER

After completing (A) & (B) from the above table, fill in the Part Number Table below. (1) is an Optional Accessory. The "Sensor Series" is a factory default. An example part number is offered.

PTP

SENSOR SERIES

EXAMPLE: PTP3-15G

EXAMPLE: DRC

RoHS COMPLIANT 2002/95/EC

