



Honeywell Sensing and Control

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1800-03A-L0N-B
Low Pressure Sensors
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white papers

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1800/1805 Series, 0 psi to 15 psi pressure range, absolute, 1.5 mA typ., 2.0mA max. supply current, TO-8 can

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Product Specifications

Measurement Type	Absolute
Pressure Range	0 psi to 15 psi
Supply Current	1.5 mA typ., 2.0mA max.
Temperature Compensation	Yes
Top Side Overpressure	65 psi
Response Time	1ms
Bottom Side Overpressure	45 psi
Package Type	TO-8 Can
Full Scale Span	98 mV to 102 mV
Insulation Resistance	100 mOhm at 50 Vdc
Repeatability	±0.0125 max. %FFS
Output Resistance	3.5 kOhm min., 6.0 kOhm max.
Common Mode Voltage	50% input
Shock	100 g for 11 ms
Vibration	10 g rms at 20 Hz to 200 Hz
Pressure Connection	3/16 in tube (top); none (bottom)
Operating Temperature	-40 °C to 121 °C [-40 °F to 257 °F]
Compensated Temperature Range	-1 °C to 54 °C [34 °F to 129 °F]
Media Compatibility	Clean, dry gases only.
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers
Life	100 million cycles
Availability	Global
Series Name	1800/1805

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