

Honeywell Sensing and Control



Search



1800-08G-L0L-B
Low Pressure Sensors
 (Home : Products)

narrow your search

- Products**
- Controls Monitoring and Lighting (352)
 - Machine Safety (1705)
 - Sensors (6325)
 - Switches (9763)
 - Wireless (4)

- Technology**
- Electromechanical (9306)
 - Magnetic (541)
 - Microstructure (1577)
 - Optical/Infrared (1056)
 - Thick Film (1764)
 - More...

white papers

- Basic Switches Are Not Created Equal
- Applying Precision Switches Sensors for Medical Devices
- New Ways to Measure Torque
- Choosing Safety Switches
- Specifying Hour Meters
- SAW Torque Sensor Technology

white papers

- Basic Switches Are Not Created Equal
- Applying Precision Switches Sensors for Medical Devices
- New Ways to Measure Torque
- Choosing Safety Switches
- Specifying Hour Meters
- SAW Torque Sensor Technology

Need help?

[Click here to contact us](#)



1800/1805 Series, 0 psi to 50 psi pressure range, gage, 10.0 Vdc typ., 15.0 Vdc max. supply voltage, TO-8 can

[Sales & Service](#)

[Distributor Inventory](#)

[Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)

Product Specifications

Measurement Type	Gage
Pressure Range	0 psi to 50 psi
Supply Voltage	10.0 Vdc typ., 15.0 Vdc max.
Temperature Compensation	Yes
Top Side Overpressure	350 psi
Response Time	1ms
Bottom Side Overpressure	50 psi
Package Type	TO-8 Can
Full Scale Span	75 to 150 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

contacts

- Customer Service
- Technical Support
- Global Sales & Service
- View Site Demo
- Site Comments?

meet dr. larry

VIDEO - Dr. Larry Goldstein explains our newest and best technologies.



Meet Dr. Larry

my links

- [Login to iCOM](#)
- [Login as Rep/AD](#)
- [Login as Guest](#)
- [Login to Digital University](#)

News Center

HONEYWELL EXPANDS HAZARDOUS AREA LIMIT SWITCH FAMILY TO FEATURE A STAINLESS-STEEL SWITCH

HONEYWELL RELEASES UNLIMITED POTENTIAL WITH NEW LIMITLESS™ WIRELESS SWITCHES

HONEYWELL'S XYR6000 WIRELESS POSITION SENSOR ENABLES MONITORING IN HAZARDOUS AREAS AND REMOTE LOCATIONS

MICRO SWITCH Anniversary site