



1800-09A-L0N-B

([Home](#) : [Products](#) : [Sensors](#) : [Pressure Sensors - Board Mount](#) : [Low Pressure Sensors](#) : [1800/1805](#))

Image Not Available

1800/1805 Series, 0 psi to 100 psi pressure range, absolute, 10.0 Vdc typ., 15 Vdc max. supply voltage, TO-8 can

Actual product
appearance may vary.

Product Specifications

Measurement Type	Absolute
Pressure Range	0 psi to 100 psi
Supply Voltage	10 Vdc typ., 15 Vdc max.
Temperature Compensation	Yes
Top Side Overpressure	350 psi
Response Time	1 ms
Bottom Side Overpressure	50 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	41111927
UNSPSC Commodity	41111927 Pressure Sensors
Life	100 million cycles
Availability	Global
Series Name	1800/1805

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[1800-09A-L0N-B](#)