



1800-05A-K2N-B

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Image Not Available

1800/1805 Series, 0 psi to 25 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 25 psi
Supply Voltage	10 Vdc typ., 15 Vdc max.
Temperature Compensation	Yes
Top Side Overpressure	65 psi
Response Time	1 ms
Package Type	TO-8 Can
Full Scale Span	38 mV to 42 mV
Insulation Resistance	100 mOhm at 50 Vdc
Pressure Non-linearity	±0.25 max. %FSS
Repeatability	±0.0125 max. %FFS
Output Resistance	3.5 kOhm min., 6.0 kOhm max.
Temperature Effect on Span	±1 mV max.
Temperature Effect on Offset	±1 mV max.
Long-term Stability (Offset and Span)	±0.2 max. %FSS
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 hole (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

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