



## Honeywell Sensing and Control

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**1800-07G-K2N-B**  
**Low Pressure Sensors**  
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1800/1805 Series, 0 psi to 30 psi pressure range, gage, 1.5 mA typ., 2.0 mA max. supply current, TO-8 can

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**Product Specifications**

|                               |                                     |
|-------------------------------|-------------------------------------|
| Measurement Type              | Gage                                |
| Pressure Range                | 0 psi to 30 psi                     |
| Supply Current                | 1.5 mA typ., 2.0 mA max.            |
| Temperature Compensation      | Yes                                 |
| Top Side Overpressure         | 250 psi                             |
| Response Time                 | 1ms                                 |
| Bottom Side Overpressure      | 50 psi                              |
| Package Type                  | TO-8 Can                            |
| Full Scale Span               | 38 mV to 42 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 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                   | 411121                              |
| UNSPSC Commodity              | 411121 Transducers                  |
| Life                          | 100 million cycles                  |
| Availability                  | Global                              |
| Series Name                   | 1800/1805                           |

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