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## BLH015PGBG



Actual product appearance may vary.

**BL Series Flush Mount Stainless Steel Pressure Sensor, 4 mA to 20 mA Output, Gage, 0 psi to 15 psi, Item Number 9242802**

### Features

Accuracies to 0.25%  
 Flush diaphragm  
 Wide choice of pressures ranges available  
 Absolute models available  
 For critical applications  
 Easily cleaned/adaptable  
 Wide range of application  
 Can measure vacuum

### Potential Applications

Depth sensing  
 Water resource management  
 Process control  
 Marine instrumentation  
 Chemical manufacture  
 Paint spraying  
 Tank/liquid level

### Description

The BL pressure transmitter has a conventional 4 mA to 20 mA output and is available with accuracies to 0.25%. It has Factory Mutual approval as an intrinsically safe device\* for use in hazardous areas Class I, Division I, Groups A through G.

All PSIS or PSIA BL's are hermetically sealed. The pressure sensitive diaphragm is either 316L or 15-5 stainless steel, depending on the pressure range selected. The BL's flush diaphragm is especially suited to measuring viscous fluids, slurries, and media where system flushing is necessary. It may also be mounted in an adapter for more conventional installations. The overall price/performance ratio makes this an ideal choice for many process environments.

\*When used with approved barriers.

### Supporting Documentation

- [▶ Dimensions and Circuitry](#)
- [▶ Documentation](#)

Product Specifications	
Measurement Type	Gage
Signal Conditioning	Amplified
Pressure Range	0 psi to 15 psi
Supply Voltage	12.0 Vdc to 30.0 Vdc
Maximum Overpressure	30 psi
Burst Pressure	75 psi
Port Style	Flush Diaphragm
Temperature Compensation	Yes
Output Type	4 mA to 20 mA
Protection Circuitry	Reverse Polarity
Accuracy	0.5% full scale BFSL
Response Time	less than 0.5 ms
Insulation Resistance	1000 Mohms @ 50 Vdc max.
Output Calibration	Yes
Termination Type	Bendix Connector
Weight	70 grams [2.5 ounces]
Full Scale Span	16 mA ± 0.16 mA
Operating Temperature Range	-40 °C to 82 °C [ -40 °F to 180 °F]
Compensated Temperature Range	-1 °C to 54 °C [30 °F to 130 °F]
Storage Temperature Range	NO IDEA SHARED FORMULA EXP PTG
Media Compatibility	Limited only to those media which will not attack 316L stainless steel
Approvals	FM IS with Appropriate Barriers
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers
Availability	Global
Series Name	BL

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