

BH15 mm Series



Applications

Controls and instrumentation
 Medical equipment
 Automotive
 HVAC
 Pneumatic controls

Environmental Data

Temperature Ranges
 Compensated: 0°C to 70°C
 Operating: - 20°C to 85°C
 Storage: - 40°C to 125°C

Specifications	Min	Typical	Max	Units
Zero Pressure Offset	-2	0	+2	mV
Full Scale Span (mV/V)	98	100	102	mV
Full Scale Span (1.5mA)	70	100	130	mV
Pressure Non-Linearity	-	±0.15	±0.3	%FSS
Pressure Hysteresis	-	±0.05	±0.1	%FSS
Repeatability	-	±0.05	±0.1	%FSS
Zero Temp. Error	-	±1	±1.5	%FSS
Span Temp. Error	-	±1	±1.5	%FSS
Voltage Excitation	-	10	15	Vdc
Current Excitation	-	1.5	2.0	mA
Long Term Stability of Offset & Span	-	±0.1	±0.5	%FSS
Response Time	-	≤1	-	ms
Common Mode Voltage(Constant Voltage)	45	50	55	%FSS
Input Resistance	6	12	20	kΩ
Output Resistance	2.5	5	6	kΩ
Insulation Resistance 50VDC	50			MΩ
Proof Pressure	3X Span, whichever is less			FSS
Shock	100G, 11ms			
Vibration	10G, 20 to 2000 Hz			
Sensor and Process fitting Material	316L. SS			
Reference Side Material	Silicon, Pyrex, Gold, Fluorosilicon Rubber			

The reference conditions (unless otherwise noted):
 Temperature: 25°C

Standard Pressure Ranges (PSI): 10, 15, 30, 50, 100, 150, 300, 500, 1000

Ordering Information/ Part # Description

