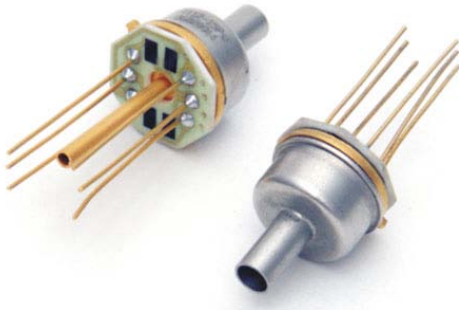


BH12 mm (TO-8) Series



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			
Materials of construction	Sensor header: Gold-plated Kovar; Interconnection pins: Gold-plated brass; Sensor: Gold, aluminum, silicon, Pyrex			
Internal Wetted Parts	Nickel, Silicon, Pyrex, Gold, RTV			

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

Standard Pressure Ranges (PSI): 1, 5, 10, 15, 30, 50, 100, 150, 300

Ordering Information/ Part # Description

