

## Hall sensors

# BH-850

### Features

- High sensitivity
- Rugged construction
- Low cost

### Contact

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The BH-850 Hall sensors are ideal for applications such as the construction of solid state compasses. These sensors offer high sensitivity for very low magnetic fields at a relatively low cost.

## Specifications

<b>Model:</b>	<b>BH-850</b>
Input resistance	3.5 $\Omega$
Output resistance	3.5 $\Omega$
Magnetic sensitivity	18 mV/g
Maximum resistive residual voltage	190 $\mu$ V
Maximum control current @ 25 $^{\circ}$ C	300 mA
Nominal control current	200 mA
Mean temperature coefficient of VH	-0.18 %/ $^{\circ}$ C
Temperature dependence of resistive residual voltage	2.5 $\mu$ V/ $^{\circ}$ C
Operating temperature	-55 to 85 $^{\circ}$ C
Storage temperature	-55 to 85 $^{\circ}$ C