

Hall sensors GH series

Features

- Low cost
- Gallium Arsenide
- Extended frequency range
- High sensitivity
- Choice of mounting configurations
- Flexible lead strip
- Extended temperature range

Contact

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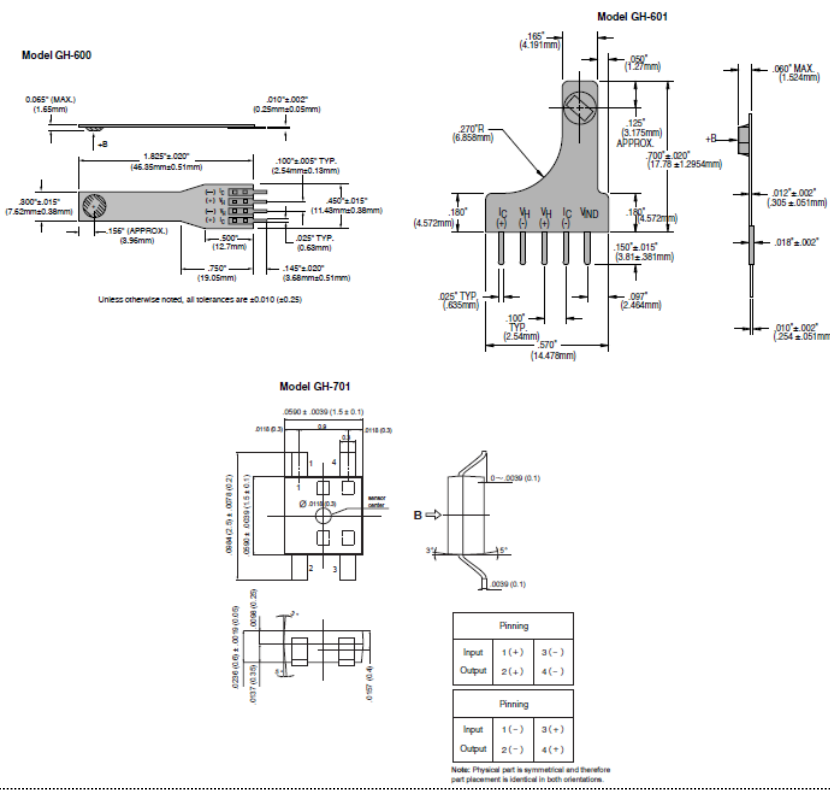
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www.meggitt.com

www.fwbell.com

www.oeco.com

The GH series sensors are four terminal solid state devices that produce an output voltage proportional to the product of the input current and the magnetic flux density.



Meggitt Sensing Systems

Our product competencies and services:
 Avionics displays | Inertial sensors | Ignition systems | Performance Sensing | Power & Motion | Sensing & Monitoring



Hall sensors

GH series

Specifications

Model:	<u>GH-600</u>	<u>GH-601</u>	<u>GH-701</u>
Input resistance	450 to 900 ohms	450 to 900 ohms	650 to 850 ohms
Output resistance	580 to 1700 ohms	580 to 1700 ohms	650 to 850 ohms
Magnetic sensitivity	50 to 140 mV / kG	50 to 140 mV / kG	59 to 106 mV / kG
Maximum resistive residual voltage	14 mV	14 mV	10 mV
Maximum control current, static air	10 mA	10 mA	12 mA
Nominal control current	5 mA	5 mA	5 mA
Mean temperature coefficient of V_H	-0.07 %/°C	-0.07 %/°C	-0.06 %/°C
Mean temperature coefficient of resistance	0.15 %/°C	0.15 %/°C	0.3 %/°C
Temperature dependence of resistive residual voltage	1 Typical $\mu\text{V}/^\circ\text{C}$	1 Typical $\mu\text{V}/^\circ\text{C}$	8 Typical $\mu\text{V}/^\circ\text{C}$
Operating temperature	-40 to 125 °C	-40 to 125 °C	-40 to 125 °C
Storage temperature	-40 to 150 °C	-40 to 150 °C	-40 to 150 °C

Note: Due to continuous process improvement, specifications are subject to change without notice.