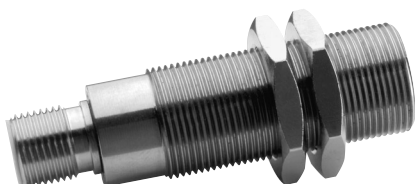


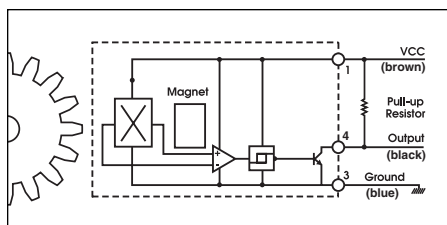
GS1001–1004 Industrial Grade



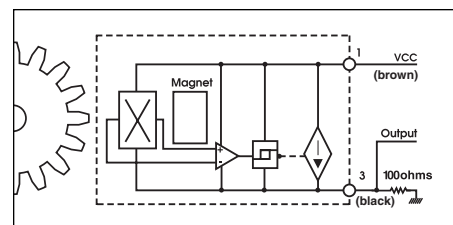
Industrial-grade, Hall effect geartooth speed sensor with adjustable stainless steel housing.

- Sense Motion of Ferrous Geartooth Targets
- Near-Zero Speed Sensing Capability
- Immune From Hostile Environments
- Not Subject to Rotational Orientation
- High-Speed Capability
- Reverse Battery Protection to -24VDC
- Wide Operating and Storage Temperature Range
- M12 Integral Connector Meets IEC60947-5-2
- Meet all IEC (International Electrotechnical Commission) Requirements for Heavy Industrial Environments, Assuring Immunity From:
 - Electrostatic Discharge
 - Electrical Transients
 - Radiated Electric Field
 - Conducted Energy
 - Magnetic Field Energy

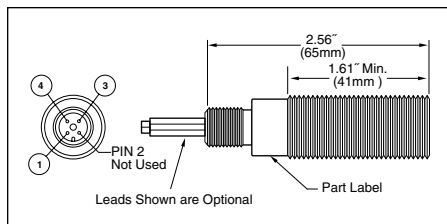
Open Collector Sinking Block Diagram



2-Wire Interface Block Diagram



Dimensions



Part #	Operating Voltage Range (VDC)	Supply current, mA max	Output	Output Saturation Voltage, mV max	Output Current, mA max	Operate Temp. Range, °C	Storage Temp. Range, °C	Thread	Barrel Length	Cable	Connector
GS100101	4.5 to 24	6	sink	700	25	-40 to 105	-40 to 105	M12-1	65mm		12mm circular
GS100102	4.5 to 24	6	sink	700	25	-40 to 125	-40 to 125	M12-1	65mm	22 AWG x 1m BBB	
GS100201	4.5 to 24	6	sink	700	25	-40 to 105	-40 to 105	M18-1	65mm		12mm circular
GS100202	4.5 to 24	6	sink	700	25	-40 to 125	-40 to 125	M18-1	65mm	22 AWG x 1m BBB	
GS100203	5 to 24	20	2-wire leads	—	—	-40 to 125	-40 to 125	M18-1	65mm	20 AWG x 1m BBB	
GS100301	4.5 to 24	6	sink	700	25	-40 to 105	-40 to 105	5/8" – 18	2.56"		12mm circular
GS100302	4.5 to 24	6	sink	700	25	-40 to 125	-40 to 125	5/8" – 18	2.56"	20 AWG x 1m BBB	
GS100303	5 to 24	20	2-wire leads	—	—	-40 to 125	-40 to 125	5/8" – 18	2.56"	20 AWG x 1m BBB	
GS100401	4.5 to 24	6	sink	700	25	-40 to 105	-40 to 105	3/4" – 16	2.56"		12mm circular
GS100402	4.5 to 24	6	sink	700	25	-40 to 125	-40 to 125	3/4" – 16	2.56"	22 AWG x 1m BBB	
GS100403	5 to 24	20	2-wire leads	—	—	-40 to 125	-40 to 125	3/4" – 16	2.56"	20 AWG x 1m BBB	