



HGS-12-01

HGS Series

Position Sensor

Features

- Auto compensates for gear wheel run out
- Supplied with 2 fixing nuts for magnetic range adjustment
- Black PVC sleeving, 6mm bore

Comments

- Typical Air gap to Gear Tooth 1mm
- High speed operation
- Suitable for use in harsh environments
- Long life, X operations
- Connector options available

Applications

- Speed Sensing Ferrous metal
- Gear Wheel Sensing
- Vehicle speedometer
- Rotary encoder
- Camshaft sensor

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Material

Housing Material Stainless Steel

Housing Colour Stainless Steel

Mechanical Specifications

IP IP65

Switching

Supply Voltage (Vs) 9 to 24 (12 Nominal)

Output Voltage (High) (Voh) Supply - 1V

Output Voltage (Low) (Voh) <0.5V

Output Current 20mA

Quiescent Current 5mA

Maximum Switching Speed 10kHz

Cable

Cable Length 3 x 0.5M Single insulated

Connection Type Stripped Cables

Cable Type 20AWG UL1015

Cable Colour Red (+), Blue (ground), Yellow (O/P)

Mounting

Fitment Through Hole

Mounting Any Axis

Technical Drawing

