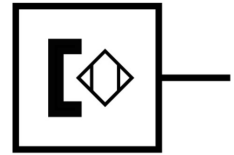


Position sensor SMH-S1-HGD16

Part number: 175713

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|--|---|
| Design | for pneumatic gripper |
| Symbol | 00991630 |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Note on materials | RoHS-compliant |
| Measured variable | Position |
| Measuring principle | Magnetic Hall |
| Ambient temperature | 5 °C ... 60 °C |
| Short-circuit protection | no |
| Overload protection | Not available |
| Output signal | Analog |
| Reverse polarity protection | no |
| Electrical connection 1, connection type | Cable with plug |
| Electrical connection 1, connection technology | M8x1 A-coded as per EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 4 |
| Material of pin contacts | Brass, gold-plated |
| Cable length | 0.5 m |
| Color cable sheath | Gray |
| Material of cable sheath | TPE-U(PUR) |
| Type of mounting | Screwed on to pneumatic gripper |
| Mounting position | Any |
| Product weight | 30 g |
| Housing material | Wrought aluminum alloy Epoxy resin Brass, nickel-plated POM PUR |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |