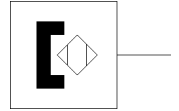


Position sensor SMH-S1-HGPP16

Part number: 189041
Product to be discontinued

FESTO

With Hall effect, for contactless detection with mini-grippers. Only functional in combination with evaluation unit SMH-AE1 or signal converter SVE4.



Data sheet

| Feature | Value |
|--|---|
| Design | for gripper |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Materials note | Conforms to RoHS |
| Measured variable | Position |
| Measuring principle | Hall magnetic |
| Ambient temperature | 5 ... 60 °C |
| Short circuit strength | No |
| Overload withstand capability | Not available |
| Output signal | Analog |
| Polarity protected | No |
| Electrical connection 1, connection type | Cable with plug |
| Electrical connection 1, connection technology | M8x1, A-coded to EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 4 |
| Connector exit direction | axial |
| Material electrical contact | Brass, gold-plated |
| Cable length | 0.5 m |
| Cable sheath color | Grey |
| Material cable sheath | TPE-U(PUR) |
| Mounting type | Screwed on gripper |
| Assembly position | Any |
| Product weight | 20 g |
| Housing color | Black |
| Material housing | Epoxy resin Nickel-plated brass PA POM PUR |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |