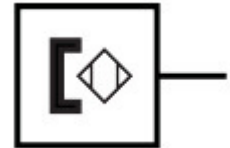


Position sensor SMH-S1-HGPP16

Part number: 189041

FESTO



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|------------------------------------------------------|-------------------------------------------------------------|
| Design | For grippers |
| Symbol | 00991630 |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with 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 current rating | no |
| Overload protection | Not available |
| Output signal | Analogue |
| Reverse polarity protection | no |
| Electrical connection 1, connection type | Cable with plug |
| Electrical connection 1, connector system | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 4 |
| Connection outlet orientation | In-line |
| Material electrical contact | Gold-plated brass |
| Cable length | 0.5 m |
| Cable sheath colour | Grey |
| Material cable sheath | TPE-U(PUR) |
| Type of mounting | Screwed to gripper |
| Mounting position | optional |
| Product weight | 20 g |
| Housing colour | Black |
| Material housing | POM PUR |
| Degree of protection | IP65 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |