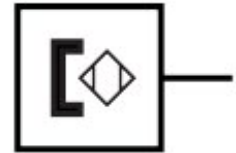


# Position sensor SMH-S1-HGPP32

Part number: 526895

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                        | Value                                               |
|------------------------------------------------|-----------------------------------------------------|
| Design                                         | For gripper                                         |
| Symbol                                         | 00991630                                            |
| CE marking (see declaration of conformity)     | As per EU EMC directive<br>As per EU RoHS directive |
| UKCA marking (see declaration of conformity)   | 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                                                   |
| Connection outlet orientation                  | Longitudinal                                        |
| Material of pin contacts                       | Gold-plated brass                                   |
| 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                                 | 20 g                                                |
| Housing colour                                 | Black                                               |
| Housing material                               | POM<br>PUR                                          |
| Degree of protection                           | IP65                                                |
| Corrosion resistance class (CRC)               | 2 - Moderate corrosion stress                       |
| LABS (PWIS) conformity                         | VDMA24364-B2-L                                      |