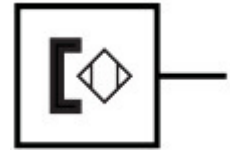


# Position sensor SMH-S1-HGD16

Part number: 175713

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
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	30 g
Material housing	POM PUR
Degree of protection	IP65
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L