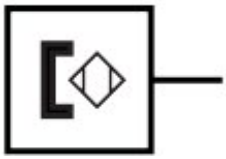
Position sensor
SMH-S1-HGR10

Part number: 175712





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	20 g
Housing colour	Black
Housing material	PUR
Degree of protection	IP65
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L