

# Position sensor SMH-S1-HGPP20/25

Part number: 189042  
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