Magnetic field sensors

Magnetic field sensors can be mounted by using the slot for the magnetic field sensor placed on the sides of the MCE/MSCE profile.

For the MCE/MSCE size of 25, mounting of the magnetic field sensor requires an HMG sensor holder.



Protection Class: IP67
Ambient Temperature (°C): –10 ~ +70
Cable material length: PUR, 150 mm
Current consumption: 6 mA @ 24 V DC max.
Electrical connection: M8, 3-pin
Extension cable: Energy chain compliant
Function principle: Magnetic
LED indicator: Green
Max. Leakage Current (mA): 0.01
Max. Power Rating (W): 6
Max. Switching Current (mA): 200
Operating Voltage (V DC): 5 ~ 30
Sensor Type: PNP current sourcing
Shock/vibration: 50 G / 9 G
Switching Frequency (Hz): 1000
Switching function: NC or NO
Voltage drop: 0.5 V @ 200 mA max.
Wiring method: 3-wire type





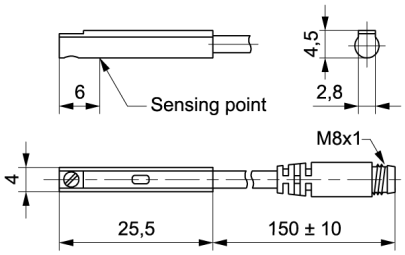




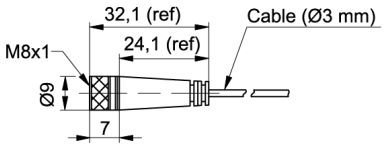
Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data

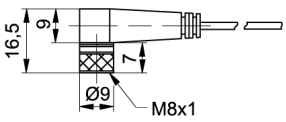
SMO-40TP-K



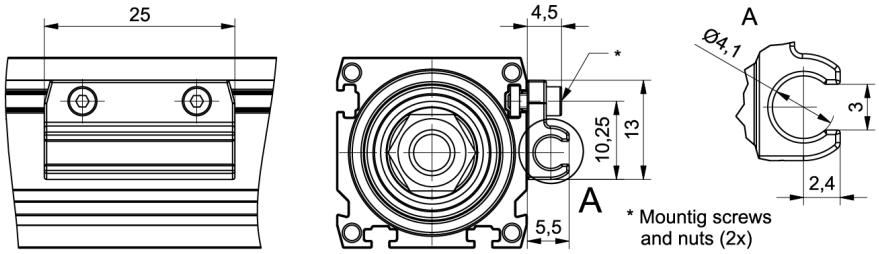
Straight connector



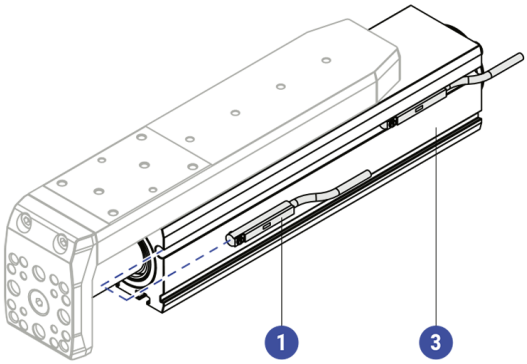
Angled connector



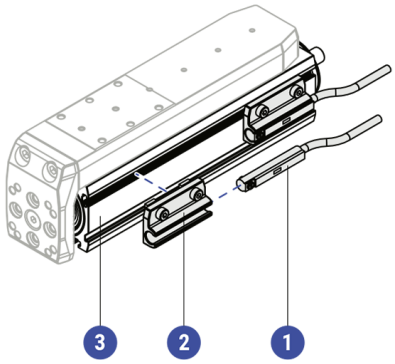
Sensor holder HMG 25



MCE/MSCE 32, 45



MCE/MSCE 25



1 – Magnetic field sensor.
2 – Sensor holder HMG.
3 – Profile of the mini electric cylinder MCE or slider MSCE.

Designation	Description	Compatible with	Type	Material	Cable Length (m)
SMO-40TP-K NC - 109125	NC-normally close	MCE/MSCE series	Magnetic sensor	-	-
SMO-40TP-K NO - 12259	NO-normally open	MCE/MSCE series	Magnetic sensor	-	-
HMG 25 - 109101	-	MCE/MSCE 25	Sensor holder	Powder coated zinc alloy	-
Cable - 8146	-	SMO-40TP-K NC / SMO-40TP-K NO	Straight connector extension cable	-	2
Cable - 8147	-	SMO-40TP-K NC / SMO-40TP-K NO	Straight connector extension cable	-	5
Cable - 9017	-	SMO-40TP-K NC / SMO-40TP-K NO	Angled connector extension cable	-	2

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data

Designation	Description	Compatible with	Type	Material	Cable Length (m)
Cable - 9019	-	SMO-40TP-K NC / SMO-40TP-K NO	Angled connector extension cable	-	5

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.