

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.

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



Variant Data

Designation	Type	Compatible with	Material	Cable Length (m)
SMO-40TP-K NC - 109125	Magnetic sensor	MCE/MSCE series	-	-
SMO-40TP-K NO - 12259	Magnetic sensor	MCE/MSCE series	-	-
HMG 25 - 109101	Sensor holder	MCE/MSCE 25	Powder coated zinc alloy	-
Cable - 8146	Straight connector extension cable	MCE/MSCE series	-	2
Cable - 8147	Straight connector extension cable	MCE/MSCE series	-	5
Cable - 9017	Angled connector extension cable	MCE/MSCE series	-	2
Cable - 9019	Angled connector extension cable	MCE/MSCE series	-	5