

## 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

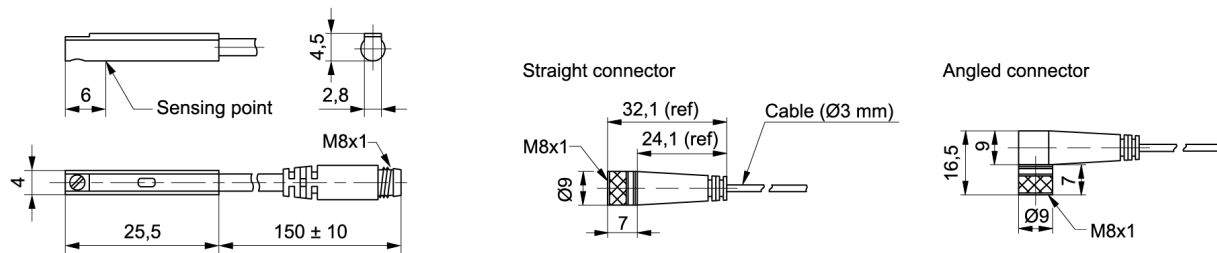
**Voltage drop:** 0.5 V @ 200 mA max.

**Wiring method:** 3-wire type

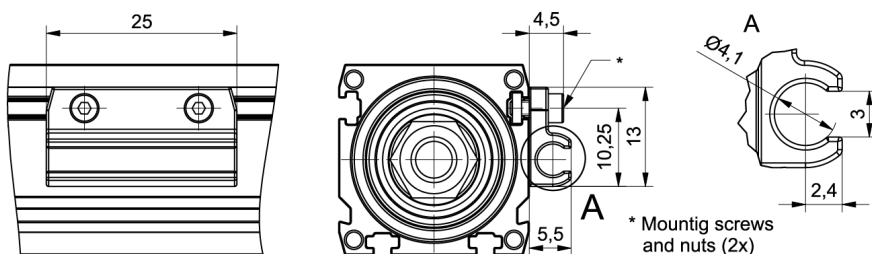


## General Data

SMO-40TP-K

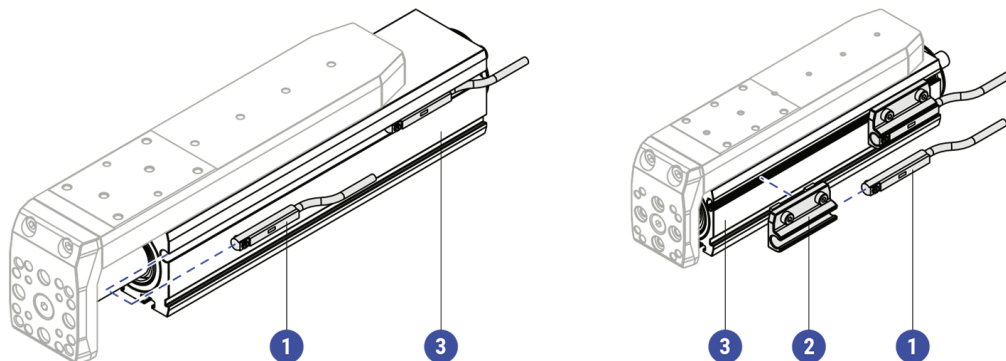


Sensor holder HMG 25



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) |
|-------------------------------|-------------------|-------------------------------|------------------------------------|--------------------------|------------------|
| <b>SMO-40TP-K NC - 109125</b> | NC-normally close | MCE/MSCE series               | Magnetic sensor                    | -                        | -                |
| <b>SMO-40TP-K NO - 12259</b>  | NO-normally open  | MCE/MSCE series               | Magnetic sensor                    | -                        | -                |
| <b>HMG 25 - 109101</b>        | -                 | MCE/MSCE 25                   | Sensor holder                      | Powder coated zinc alloy | -                |
| <b>Cable - 8146</b>           | -                 | SMO-40TP-K NC / SMO-40TP-K NO | Straight connector extension cable | -                        | 2                |
| <b>Cable - 8147</b>           | -                 | SMO-40TP-K NC / SMO-40TP-K NO | Straight connector extension cable | -                        | 5                |
| <b>Cable - 9017</b>           | -                 | SMO-40TP-K NC / SMO-40TP-K NO | Angled connector extension cable   | -                        | 2                |

## General Data

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