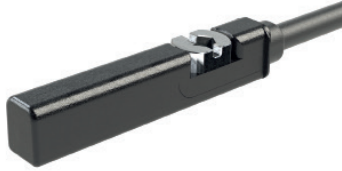


194356-194359
235.03-M-1 bis 235.07-M-1



Product features

Traditional sensor, featuring:

- Secure fixing by means of a steel eccentric pin that engages the sides of the seat.
- Fixing screw suitable for flat screwdriver or a 2.5 mm Allen wrench.
- Equipped with retaining tabs to hold the sensor in position during installation.
- Increased resistance to atmospheric agents and moisture.
- Compatible for use with both traditional T-slots and rectangular slots.

Technical data

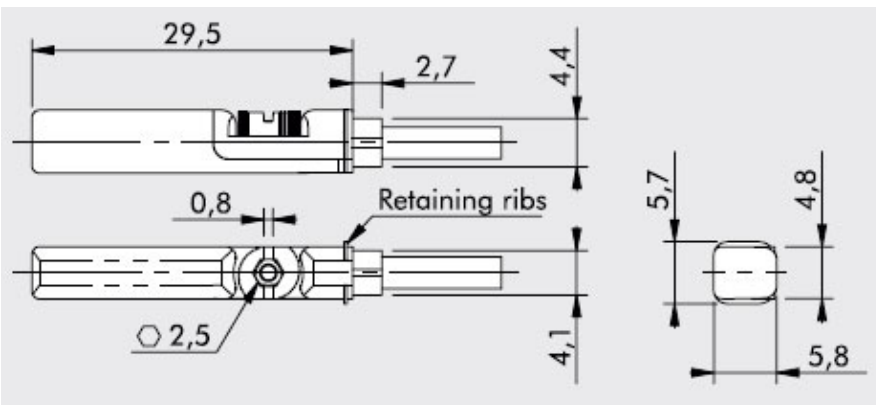
	REED	HALL
Type of contact	NO	NO
Switch	-	PNP
Supply voltage (U _b)	5 ... 30 V AC/DC	10 ... 30 V DC
Power	3 W (6 W = peak value)	-
Voltage variation	-	≤ 10 % of supply voltage (U _b)
Voltage drop at I _{max}	≤ 3.5 V	≤ 2.5 V
Input current	-	≤ 8 mA
Output current	≤ 100 mA	
Switching frequency	≤ 400 Hz	≤ 1000 Hz
Short-circuit protection	-	Yes
Over-voltage suppression	-	-
Polarity inversion protection	-	Yes
EMC	EN 60 947-5-2	
LED display	Yellow	
Magnetic sensitivity	2.1 ... 3.5 mT	2.4 ... 3.6 mT
Repeatability	≤ 0.1 mT	≤ 0.1 mT
Degree of protection (EN 60529)	IP 67	IP 67
Vibration and shock resistance	30 g, 11 ms, 10 ... 55 Hz, 1 mm	
Operating life	10 ⁷ impulses	10 ⁹ impulses
Temperature range with polyurethane cable with PVC cable	-30 °C to 80 °C (static installation) / -20 °C to 80 °C (dynamic installation) -30 °C to 80 °C (static installation) / -5 °C to 80 °C (dynamic installation)	
Sensor capsule material	PA	
2.5 m/2 m connecting cable	PVC, 2 x 0.12 mm ²	PVC, 3 x 0.12 mm ²
Connecting cable with M8x1, 300 mm	Polyurethane, 2 x 0.14 mm ²	Polyurethane, 3 x 0.14 mm ²
Wire NO	2	3
Certifications	CE	

Technical data

Versions with connector M8

Angle of twist	$\pm 270^\circ / 10 \text{ cm}$
No. of cycles torsion	$> 350.000 (\pm 270^\circ / 0.1 \text{ mm})$
Bending cycles	$> 5 \text{ Mio (bending radius 29 mm)}$
Maximum acceleration	5 m/s^2
Maximum traverse speed at 5 m horizontal path	200 m/min

Dimensions



Wiring diagram

