



- 1 Cable entry M 20 x 1.5
- Metal enclosure
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°
- 40,5 mm x 107 mm x 65,3 mm
- Actuator shaft can be turned 360°

Ordering data

ETIM number, version 7.0 EC002591

Approval - Standards

General data

Enclosure material	Aluminium
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Enclosure coatingmaterial painted

Material of the contacts, Silver
electrical

Gross weight 280 g

General data - Features

Number of auxiliary 1
contacts

Number of safety contacts 2

Safety appraisal

Standards BG-GS-ET-15
EN ISO 13849-1
EN 60947-5-1

Mission Time 20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed 20,000,000 Operations
contact (NC)

Mechanical data

Actuating element Other

Mechanical life, minimum 1,000,000 Operations

Positive break angle 7 °

Mounting hole for the 8 mm
Shaft

Positive break torque 0.6 Nm

Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum	0.75 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	65.3 mm
Width of sensor	40.5 mm
Height of sensor	107 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C

Ambient conditions - Insulation value

Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	6 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Switching frequency 1,000 /h

Notes

Note (General) By turning the head in 90° steps, 8 actuating planes are possible. A Torx T10 screwdriver is required for this purpose. Even when the screw is removed, the head is self-retaining. The switch can still not be tampered.
Adjustment tool: locking screw to fix, shaft pre-drilled to pin
Universal joint available to compensate for axial displacement (only for shaft bore 10 mm)

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532
The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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