



AZ 17-11ZI-ST B5

- Connector M12 x 1, 4-pole
- Thermoplastic enclosure
- Double-insulated
- Long life
- 30 mm x 60 mm x 30 mm
- Small body
- Individual coding
- Coding level "High" according to ISO 14119
- High level of contact reliability with low voltages and currents
- Insensitive to soiling
- 8 actuating planes
- Slot sealing plug included
- Particularly suitable for hinged guards (front mounting)

Data

Ordering data

EAN (European Article Number)	4030661130804
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

Approval - Standards

Certificates	BG cULus EAC
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General data

Coding level according to ISO 14119	High
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Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the actuator	Stainless steel
Material of the contacts, electrical	Silver
Gross weight	100 g

General data - Features

Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations
Note (B10d Normally open contact (NO))	at 10% I_e and ohmic load

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Latching force	5 N
positive break travel	11 mm
Positive break force, minimum	17 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	Connector M12
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Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	30 mm
Height of sensor	85 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Operating voltage, maximum	230 V
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

Scope of delivery

Included in delivery	Not available as spare part Slot cover for dust-proof covering of the opening not in use
Delivery scope of Mounting material	Tamperproof screws

Notes

Note (General)	<p>minimum actuating radius on rotating guard systems via the narrow edge of the actuator 140 mm</p> <p>minimum actuating radius on hinged guards in line with the plane of the actuator 200 mm</p> <p>The axis of the hinge must be 13 mm above and in a parallel plane to the top surface of the safety switch.</p> <p>The actuator is not available separately.</p>
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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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