



AZ 17-02ZK

- cable gland M16
- 30 mm x 60 mm x 30 mm
- Thermoplastic enclosure
- Double-insulated
- Long life
- small body
- Universal coding
- High level of contact reliability with low voltages and currents
- Insensitive to soiling
- 8 actuating planes

Data

Approvals - Standards

Certificates	BG cULus CCC
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General data

Standards	EN ISO 13849-1 EN ISO 14119 EN IEC 60947-5-1
Coding level according to EN ISO 14119	Low
Working principle	electromechanical
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross weight	85 g

General data - Features

Number of actuating directions	2
Number of cable glands	1

Number of safety contacts	2
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Safety classification

Standards	EN ISO 13849-1
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Mission time	20 Year(s)
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Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	2,000,000 Operations
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Latching force	5 N
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Positive break travel	11 mm
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Positive break force per NC contact, minimum	17 N
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Actuating speed, maximum	2 m/s
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Mounting	Screws
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Type of the fixing screws	2x M5
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Tightening torque of the fastening screws for the housing cover, minimum	0.7 Nm
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Tightening torque of the fastening screws for the housing cover, maximum	1 Nm
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Note	Torx T10
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Mechanical data - Connection technique

Termination	IDC method of termination
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Cable entry	M 16 x 1.5
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Cable section, minimum	0.75 mm ²
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Cable section, maximum	1 mm ²
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Allowed type of cable	flexible
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Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	30 mm
Height of sensor	60 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-30 ... +80 °C
Storage and transport temperature, minimum	-30 °C
Storage and transport temperature, maximum	+85 °C
Permissible installation altitude above sea level, maximum	2,000 m

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
Rated impulse withstand voltage U_{imp}	4 kV
Overvoltage category	III
Degree of pollution	3

Electrical data

Thermal test current	10 A
Required rated short-circuit current	1,000 A
Switching element	Opener (NC)
Switching principle	slow action, positive break NC contact
Switching frequency	2,000 /h
Material of the contacts, electrical	Silver

Electrical data - Safety contacts

Voltage, Utilisation category AC-15	230 VAC
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Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Other data

Note (applications)	sliding safety guard removable guard hinged safety guard
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Scope of delivery

Scope of delivery	Actuator must be ordered separately. Slot sealing plugs Slot cover for dust-proof covering of the opening not in use
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Note

Note (General)	This type termination (IDC) method enables simple connection of flexible conductors without the need for the use of conductor ferrules
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Pictures

Product picture (catalogue individual photo)



ID: kaz17f16
| 670.2 kB | .jpg | 221.192 x 529.167 mm - 627 x 1500 px - 72 dpi
| 125.7 kB | .png | 74.083 x 177.094 mm - 210 x 502 px - 72 dpi

Dimensional drawing basic component

