DATASHEET



AZ 17-11ZRK

- 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

Ordering data

Product type description	AZ 17-11ZRK
Article number (order number)	101133967
EAN (European Article Number)	4030661050911
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02
ETIM number, version 7.0	EC002592
ETIM number, version 6.0	EC002592

Approval - Standards

Certificates	BG cULus CCC EAC

General data

Coding level according to ISO 14119	Low
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	85 g

General data - Features

higher Latching force	Yes
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	30 N
positive break travel	11 mm
Positive break force, minimum	17 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	IDC method of termination
Cable section, minimum	1 x 0.75 mm²
Cable section, maximum	1 x 1 mm²

Mechanical data - Dimensions

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

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	Actuators must be ordered separately. Slot cover for dust-proof covering of the opening not in use

Notes

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

Ordering code

Product type description:
AZ 17-(1)Z(2)K-(3)-(4)-(5)

(1)

11	1 NO contacts/1 NC contact
02	2 NC contact

(2)

without	Latching force 5 N
R	Latching force 30 N

(3)

without	M16 cable gland
2243	Front cable entry
2243-1	Rear cable entry
ST	M12 connector, 4 pole

(4)

1637	Gold-plated contacts

(5)

5M	Cable length 5 m
6M	Cable length 6 m

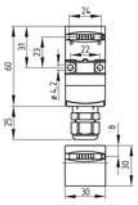
Pictures

Product picture (catalogue individual photo)



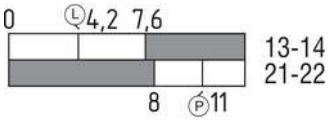
ID: kaz17f16
| 670.2 kB | .jpg | 221.192 x 529.167 mm - 627 x 1500 px - 72 dpi
| 125.7 kB | .png | 74.083 x 177.094 mm - 210 x 502 px - 72 dpi

Dimensional drawing basic component



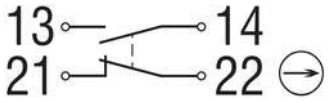
ID: 1az17g01
| 32.7 kB | .cdr |
| 3.7 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi
| 67.0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

Switch travel diagram



ID: kaz17s01
| 19.6 kB | .cdr |
| 2.0 kB | .png | 74.083 x 26.458 mm - 210 x 75 px - 72 dpi
| 52.6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 px - 72 dpi

Diagram



ID: kaz17k07
| 15.8 kB | .cdr |
| 50.1 kB | .jpg | 352.778 x 103.011 mm - 1000 x 292 px - 72 dpi

Assembly example

ID: kaz17m02
| 210.2 kB | .cdr |

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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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