

AZ17-02ZI-B6L



- Long life
- Small body
- cable gland M16
- left-hand model
- Double-insulated
- Individual coding
- 8 actuating planes
- 30 mm x 60 mm x 30 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Slot sealing plug included
- Coding level "High" according to ISO 14119
- High level of contact reliability with low voltages and currents
- For very small actuating radii in line with or at 90° to the plane of the actuator

Data

Ordering data

Product type description	AZ 17-02ZI-B6L
Article number (order number)	101122858
EAN (European Article Number)	4030661049779
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

General data

Product name	AZ 17ZI
Coding level according to ISO 14119	High
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 safety contacts 2

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

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 IDC method of termination

Cable section, minimum 1 x 0.75 mm²

Cable section, maximum 1 x 1.0 mm², flexible

Mechanical data - Dimensions

Length of sensor 30 mm

Width of sensor 30 mm

Height of sensor 85 mm

Ambient conditions

Degree of protection IP 67 to IEC/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	Opener (NC)
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)	This type termination (IDC) method enables simple connection of flexible conductors without the need for the use of conductor ferrules The actuator is not available separately.
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Ordering code

Product type description:

AZ 17-(1)Z(2)I-(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

ST M12 connector

(4)

B1 Actuator B1

B5 Actuator B5

B6L Actuator B6L

B6R Actuator B6R

(5)

1637 Gold-plated contacts

Pictures

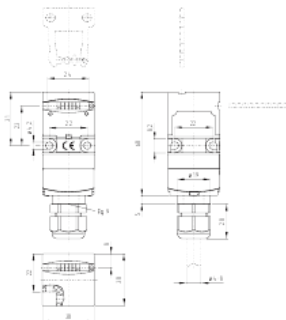
Product picture (catalogue individual photo)



ID: kaz17f15

| 1,5 MB | .jpg | 352.778 x 1102.783 mm - 1000 x 3126 Pixel - 72 dpi
| 120,0 kB | .png | 74.083 x 231.422 mm - 210 x 656 Pixel - 72 dpi

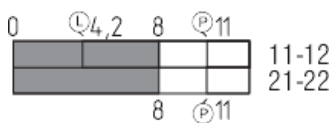
Dimensional drawing basic component



ID: kaz17gi1

| 5,8 kB | .png | 74.083 x 83.256 mm - 210 x 236 Pixel - 72 dpi
| 47,7 kB | .cdr |
| 170,0 kB | .jpg | 352.778 x 396.522 mm - 1000 x 1124 Pixel - 72 dpi

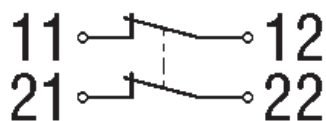
Switch travel diagram



ID: kaz17s02

| 2,0 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi
| 20,1 kB | .cdr |
| 55,6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 Pixel - 72 dpi

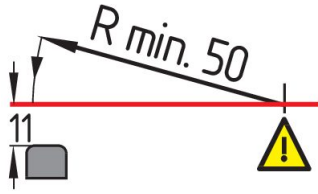
Diagram



ID: k2o--k01

| 48,8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 Pixel - 72 dpi
| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

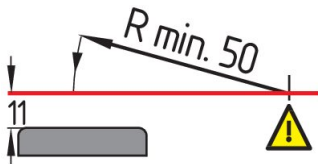
Actuating radius



ID: kaz17r02

| 19,8 kB | .cdr |

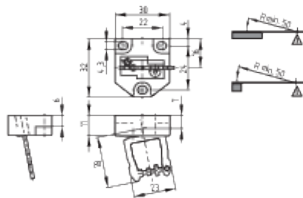
	Actuating radius
r_{act}	0.06 m



ID: kaz17r01

| 19,8 kB | .cdr |

Dimensional drawing actuator



ID: 1azm1b07

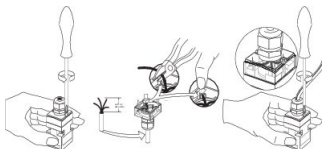
| 109,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

| 10,3 kB | .png | 74.083 x 51.506 mm - 210 x 146

Pixel - 72 dpi

Assembly example



ID: kaz17m02

| 210,2 kB | .cdr |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

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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