



AZ17-11ZK

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

Data

Ordering data

Product type description	AZ 17-11ZK
Article number (order number)	101121960
EAN (European Article Number)	4030661049670
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
	CCC
	EAC
	CNCA

General data

Product name	AZ 17
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

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	IDC method of termination
Cable section, minimum	1 x 0.75 mm ²
Cable section, maximum	1 x 1 mm ²

Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	30 mm
Height of sensor	60 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
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Rated impulse withstand voltage U _{imp}	4 kV
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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
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Notes

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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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)

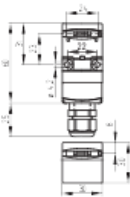


ID: kaz17f16

| 670,2 kB | .jpg | 221.192 x 529.167 mm - 627 x 1500
 Pixel - 72 dpi

| 125,7 kB | .png | 74.083 x 177.094 mm - 210 x 502
 Pixel - 72 dpi

Dimensional drawing basic component



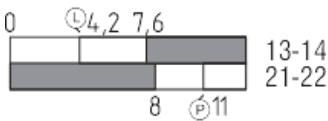
ID: 1az17g01

| 3,7 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
 - 72 dpi

| 32,7 kB | .cdr |

| 67,0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
 Pixel - 72 dpi

Switch travel diagram



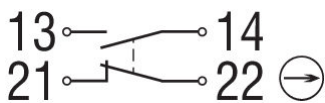
ID: kaz17s01

| 52,6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355
 Pixel - 72 dpi

| 2,0 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel -
 72 dpi

| 19,6 kB | .cdr |

Diagram

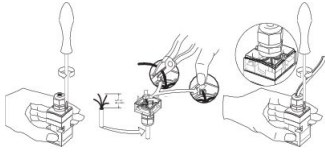


ID: kaz17k07

| 50,1 kB | .jpg | 352.778 x 103.011 mm - 1000 x 292
 Pixel - 72 dpi

| 15,8 kB | .cdr |

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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