



AZ17-02ZRK-ST

- Long life
- Small body
- Multiple coding
- Double-insulated
- 8 actuating planes
- Insensitive to soiling
- 30 mm x 78.5 mm x 30 mm
- Thermoplastic enclosure
- Connector M12 x 1, 4-pole
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 17-02ZRK-ST
Article number (order number)	101140775
EAN (European Article Number)	4030661119748
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

higher Latching force	Yes
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Number of safety contacts	2
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Safety appraisal

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

B10d 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	30 N
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positive break travel	11 mm
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Positive break force, minimum	17 N
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Actuating speed, maximum	2 m/s
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Mechanical data - Connection technique

Terminal Connector	Connector plug M12, 4-pole, (A-coding)
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Mechanical data - Dimensions

Length of sensor	30 mm
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Width of sensor	30 mm
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Height of sensor	78.5 mm
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Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
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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
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Utilisation category AC-15	230 VAC
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Utilisation category AC-15	4 A
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Utilisation category DC-13	24 VDC
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Utilisation category DC-13	4 A
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Switching element	Opener (NC)
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Switching principle	Creep circuit element
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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) Individual coding available on request

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: kaz17f17

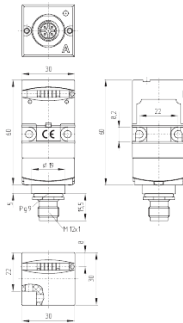
| 106,0 kB | .png | 74.083 x 160.161 mm - 210 x 454

Pixel - 72 dpi

| 651,2 kB | .jpg | 221.192 x 478.367 mm - 627 x 1356

Pixel - 72 dpi

Dimensional drawing basic component



ID: kaz17g03

| 265,7 kB | .jpg | 352.778 x 626.533 mm - 1000 x

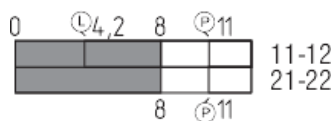
1776 Pixel - 72 dpi

| 44,7 kB | .cdr |

| 8,1 kB | .png | 74.083 x 131.586 mm - 210 x 373

Pixel - 72 dpi

Switch travel diagram



ID: kaz17s02

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

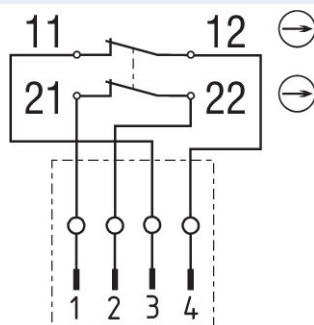
72 dpi

| 20,1 kB | .cdr |

| 55,6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355

Pixel - 72 dpi

Diagram



ID: kaz17k04

| 105,4 kB | .jpg | 352.778 x 369.006 mm - 1000 x

1046 Pixel - 72 dpi

| 18,8 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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