

BNS 36-11Z-ST-L



- Long life
- no mechanical wear
- 88 mm x 25 mm x 13 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Concealed mounting possible
- Insensitive to transverse misalignment
- Connector M8, 4-pole, Latching interlocking

Data

Ordering data

	BNS 36-11Z-ST-L
	101193148
EAN (European Article Number)	4030661359809
eCl@ss number, Version 9.0	27-27-24-02

Approval - Standards

TÜV
cULus
EAC

General data

	BNS 36
	IEC 60947-5-3
	BG-GS-ET-14
Installation conditions (mechanical)	quasi-flush
Enclosure material	Glass-fibre, reinforced thermoplastic
Gross weight	28 g

General data - Features

Coding	Yes
Number of openers	1
Number of shutters	1
Number of safety contacts	2

Safety appraisal

ISO 13849-1

Mission Time 20 Year(s)

Safety appraisal - Safety outputs

B10d- Value Normally-closed
contact/Normally open contact 25,000,000 Operations
(NC/NO)

Mechanical data

Actuating element Magnet

Door hinge Left

Ensured switch distance "ON" S 7 mm

ao

Ensured switch distance "OFF" S 17 mm

ar

Notice (Switch distance Sn) Axial misalignment, a horizontal and vertical misalignment of the safety sensor and the actuator are tolerated. The possible misalignment depends on the distance of the active surfaces of the sensor and the actuator. The sensor remains active within the tolerance range.

Direction of motion Head-on to the active surface

Mechanical data - Connection technique

Terminal Connector Connector M8, 4-pole, Latching interlocking

Mechanical data - Dimensions

Height of sensor 25 mm

Length of sensor 13 mm

Width of sensor 88 mm

Ambient conditions

IP67

Ambient temperature, minimum -25 °C

Ambient temperature, maximum +70 °C

Storage and transport
temperature, minimum -25 °C

Storage and transport
temperature, maximum +70 °C

Resistance to vibrations to EN
60068-2-6 10 ... 55 Hz, amplitude 1 mm

30 g / 11 ms

Electrical data

Voltage type	DC (direct current)
Switching voltage, maximum	75 VDC
Switching current, maximum	0.4 A
Switching capacity, maximum	10 W
Switching frequency, maximum	5 Hz

Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Accessory

BPS 36-2
SRB-E-301ST
SRB-E-201LC

Notes

Note (General)	The number in brackets indicate the PIN number of the connector.
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Ordering code

Product type description:

BNS 36-(1)(2)Z(3)-(4)-(5)

(1)

11 1 NO contacts/1 NC contact

02 2 NC contact

(2)

without with diagnostic output

/01 1 NC contact

(3)

without without LED switching conditions display

G with LED switching conditions display

(4)

without Pre-wired cable

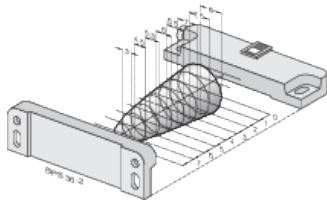
ST with connector

(5)

R Door hinge on right-hand side

| 165,7 kB | .jpg | 352.778 x 215.9 mm - 1000 x 612
Pixel - 72 dpi

Diagramm/Product/Curve



ID: kbns3a30

| 41,1 kB | .cdr |

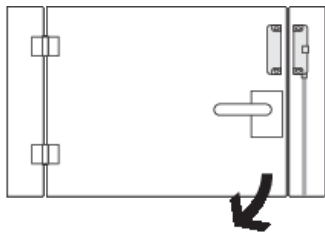
| 164,2 kB | .jpg | 352.778 x 215.547 mm - 1000 x 611

Pixel - 72 dpi

| 16,9 kB | .png | 74.083 x 45.156 mm - 210 x 128

Pixel - 72 dpi

Illustration/Product/Function



ID: kbn36c02

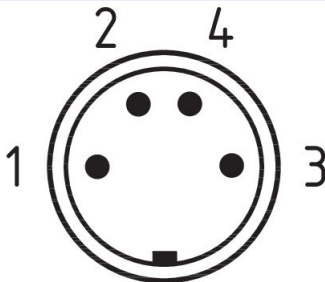
| 52,8 kB | .jpg | 352.778 x 248.356 mm - 1000 x 704

Pixel - 72 dpi

| 1,8 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

| 20,3 kB | .cdr |

Graphic/Product/PIN



ID: km8--k4b

| 17,0 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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