

BNS 260-11Z-ST-L



- Long life
- Small body
- no mechanical wear
- 26 mm x 36 mm x 13 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Connector M8 x 1, 4-pole
- Concealed mounting possible
- Insensitive to transverse misalignment

Data

Ordering data

BNS 260-11Z-ST-L

101184379

EAN (European Article Number) 4030661321776

eCl@ss number, Version 9.0 27-27-24-02

Approval - Standards

TÜV

cULus

EAC

General data

BNS 260

IEC 60947-5-3

BG-GS-ET-14

Installation conditions
(mechanical)

quasi-flush

Enclosure material

Glass-fibre, reinforced thermoplastic

Gross weight

32.6 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
ao 5 mm

Ensured switch distance "OFF" S
ar 15 mm

Notice (Switch distance S_n) 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

Mechanical data - Dimensions

Height of sensor 36 mm

Length of sensor 13 mm

Width of sensor 26 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 VA
Switching frequency, maximum	5 Hz

Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Accessory

BPS 260
SRB-E-301ST
SRB-E-201LC

Notes

Note (General)	The number in brackets indicate the PIN number of the connector.
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Circuit example

Note (Wiring diagram)	The contacts S13-S14 and S21-S22 must be integrated in the safety circuit.
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Ordering code

Product type description:

BNS 260-(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

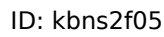
(4)

without Pre-wired cable

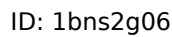
ST with connector

L Door hinge on left-hand side
R Door hinge on right-hand side

Photo/Product/Catalogue



Dimension/Product/Basic



Graphic/Product/Contact



Diagramm/Product/Curve	Diagramm	Product	Curve
1. Diagramm	Diagramm		
2. Product		Product	
3. Curve			Curve

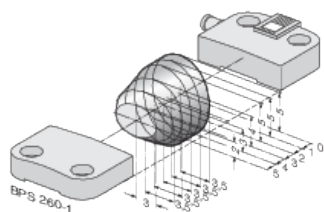


| 200,1 kB | .jpg | 352.778 x 233.892 mm - 1000 x 663
Pixel - 72 dpi

| 18,5 kB | .png | 74.083 x 49.036 mm - 210 x 139
Pixel - 72 dpi

| 36,8 kB | .cdr |

Diagramm/Product/Curve



ID: kbns2d02

| 200,9 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667

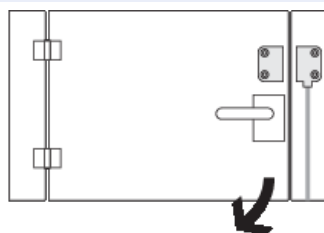
Pixel - 72 dpi

| 19,2 kB | .png | 74.083 x 49.389 mm - 210 x 140

Pixel - 72 dpi

| 36,3 kB | .cdr |

Graphic/Clipart

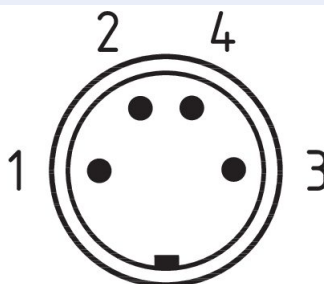


ID: kbns2c02

| 19,6 kB | .cdr |

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

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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