

## BNS 260-11Z-L



- Long life
- Small body
- Pre-wired cable
- no mechanical wear
- 26 mm x 36 mm x 13 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Concealed mounting possible
- Insensitive to transverse misalignment

### Data

#### Ordering data

BNS 260-11Z-L

101184387

EAN (European Article Number) 4030661321875

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

55 g

#### General data - Features

Coding

Yes

Number of openers

1

Number of shutters

1

|                           |   |
|---------------------------|---|
| Number of safety contacts | 2 |
| Number of cable wires     | 4 |

### 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           | 5 mm                                                                                                                                                                                                                                                                           |
| ao                                       |                                                                                                                                                                                                                                                                                |
| Ensured switch distance "OFF" S          | 15 mm                                                                                                                                                                                                                                                                          |
| ar                                       |                                                                                                                                                                                                                                                                                |
| Notice (Switch distance S <sub>n</sub> ) | 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 | Cable               |
| Length of cable    | 1 m                 |
| Wire cross-section | 0.3 mm <sup>2</sup> |
|                    | PVC                 |

### 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<br>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<br>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. |
|----------------------|---------------------------------------|

### Accessory

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

### Notes

|                |                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Note (General) | Contact symbols shown for the closed condition of the guard device.<br>The contact configuration for versions with or without LED is identical. |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

### Circuit example

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

### 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)

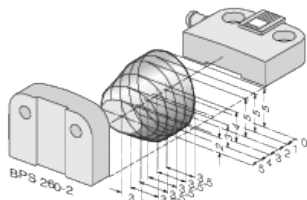
**G** with LED switching conditions display

**without** Pre-wired cable

(5)

**R** Door hinge on right-hand side

### Diagramm/Product/Curve



ID: kbns2d03

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

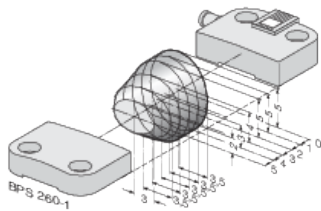
Pixel - 72 dpi

| 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

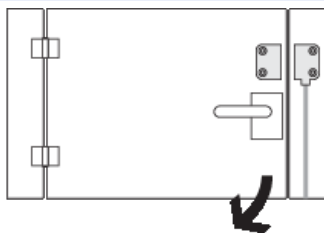
Pixel - 72 dpi

| 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

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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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