

BNS 260-11Z-ST-R



- 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-R

101184363

EAN (European Article Number) 4030661321608

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

32.4 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 Right

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

(5)

L Door hinge on left-hand side

R Door hinge on right-hand side

Pictures

Photo/Product/Catalogue



ID: kbns2f04

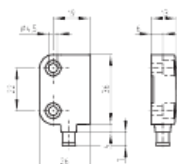
| 540,4 kB | .jpg | 352.778 x 287.161 mm - 1000 x 814

Pixel - 72 dpi

| 42,3 kB | .png | 74.083 x 60.325 mm - 210 x 171

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1bns2g03

| 2,9 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel

- 72 dpi

| 24,9 kB | .cdr |

| 61,2 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

Graphic/Product/Contact

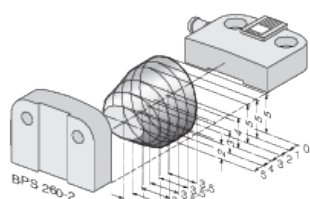
(3) BK S13 — S14 BU (4)
(1) WH S21 — S22 BN (2)

ID: kbns2k27

| 56,4 kB | .jpg | 352.778 x 70.203 mm - 1000 x 199

Pixel - 72 dpi

Diagramm/Product/Curve



ID: kbns2d03

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

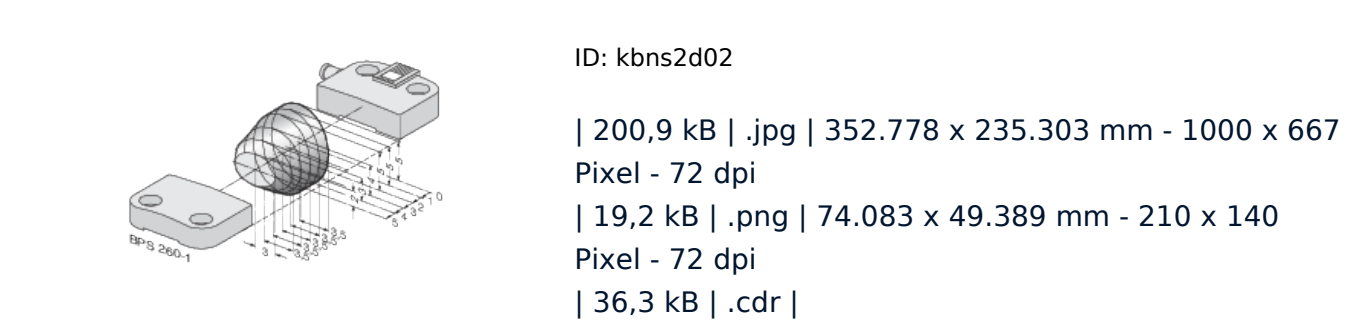
Pixel - 72 dpi

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

Pixel - 72 dpi

| 36,8 kB | .cdr |

Diagramm/Product/Curve	Diagramm	Product	Curve
1	Diagramm 1	Product 1	Curve 1
2	Diagramm 2	Product 2	Curve 2
3	Diagramm 3	Product 3	Curve 3
4	Diagramm 4	Product 4	Curve 4
5	Diagramm 5	Product 5	Curve 5
6	Diagramm 6	Product 6	Curve 6
7	Diagramm 7	Product 7	Curve 7
8	Diagramm 8	Product 8	Curve 8
9	Diagramm 9	Product 9	Curve 9
10	Diagramm 10	Product 10	Curve 10
11	Diagramm 11	Product 11	Curve 11
12	Diagramm 12	Product 12	Curve 12
13	Diagramm 13	Product 13	Curve 13
14	Diagramm 14	Product 14	Curve 14
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89	Diagramm 89	Product 89	

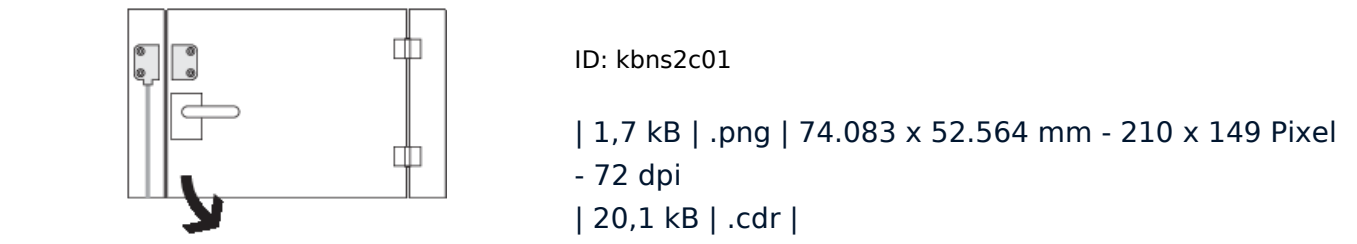


| 200,9 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667
Pixel - 72 dpi

| 19,2 kB | .png | 74.083 x 49.389 mm - 210 x 140
Pixel - 72 dpi

| 36,3 kB | .cdr |

Graphic/Clipart



| 1,7 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel
- 72 dpi
| 20,1 kB | .cdr |

Graphic/Product/PIN



| 17,0 kB | .cdr |

+010001am31

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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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