

BNS 260-02ZG-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 260-02ZG-ST-R
	101184365
EAN (European Article Number)	4030661321622
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	32.3 g

General data - Features

Coding	Yes
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Integral System	Yes
Diagnostics, status	
Number of openers	2
Number of safety contacts	2

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	25,000,000 Operations
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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
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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	24 VDC
Switching current, maximum	0 A
Switching capacity, maximum	0.2 W
Switching frequency, maximum	5 Hz

Status indication

Note (Integral System Diagnostics, status)	The LED is illuminated when the guard is closed.
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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 S11-S12 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

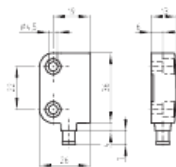


ID: kbns2f04

| 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 S11 → S12 BU (4)
(1) WH S21 → S22 BN (2)

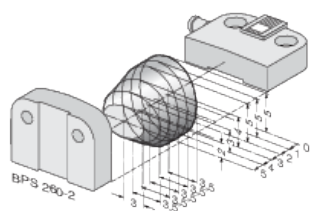
ID: kbns2k01

| 60,6 kB | .jpg | 352.778 x 57.503 mm - 1000 x 163

Pixel - 72 dpi

| 18,6 kB | .cdr |

Diagramm/Product/Curve



ID: kbns2d03

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

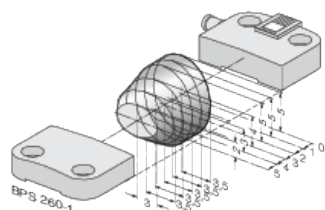
Pixel - 72 dpi

| 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

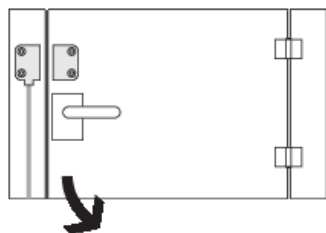
Pixel - 72 dpi

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

Pixel - 72 dpi

| 36,3 kB | .cdr |

Graphic/Clipart

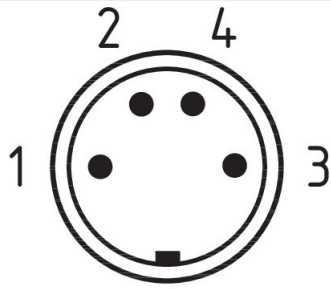


ID: kbns2c01

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

| 20,1 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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