



BNS 260-02Z-R 10,0M

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

Data

Ordering data

Product type description	BNS 260-02Z-R 10,0M
Article number (order number)	101217909
EAN (European Article Number)	4030661414669
eCl@ss number, version 12.0	27-27-44-01
eCl@ss number, version 11.0	27-27-24-02
eCl@ss number, version 9.0	27-27-24-02
ETIM number, version 7.0	EC002544
ETIM number, version 6.0	EC002544

Approvals - Standards

Certificates	cULus UKCA
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General data

Standards	BG-GS-ET-14 EN IEC 60947-5-3
Coding level according to EN ISO 14119	Low
Working principle	Magnetic drive
Installation conditions (mechanical)	quasi-flush
Housing material	Glass-fibre, reinforced thermoplastic
Gross weight	400 g

General data - Features

Coding	Yes
Number of normally closed (NC)	2
Number of safety contacts	2
Number of cable wires	4

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	25,000,000 Operations
B _{10D} - Value Normally-closed contact/Normally open contact (NC/NO)	25,000,000 Operations

Mechanical data

Actuating element	Magnet
Door hinge	Right
Direction of motion	Head-on to the active surface

Mechanical data - Switching distances according EN IEC 60947-5-3

Note (Switching 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.
Assured switching distance "ON" S_{ao}	5 mm
Assured switching distance "OFF" S_{ar}	15 mm

Mechanical data - Connection technique

Length of cable	10 m
Termination	Cable
Wire cross-section	0.25 mm ²
Wire cross-section	23 AWG
Material of the Cable mantle	PVC

Mechanical data - Dimensions

Length of sensor	13 mm
Width of sensor	26 mm
Height of sensor	36 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-25 ... +70 °C
Storage and transport temperature	-25 ... +70 °C
Resistance to vibrations	10 ... 55 Hz, amplitude 1 mm
Resistance to shock	30 g / 11 ms

Ambient conditions - Insulation values

Rated insulation voltage U_i 50 VAC

Rated impulse withstand
voltage U_{imp} 0.8 kV

Electrical data

Required rated short-circuit
current 100 A

Switching voltage, maximum 75 VDC

Switching current, maximum 0.4 A

Switching capacity, maximum 10 VA

Switching element 2 NC contact

Switching frequency,
maximum 5 Hz

Scope of delivery

Scope of delivery Actuator must be ordered separately.

Accessory

Recommendation (actuator) BPS 260

Recommended safety
switchgear SRB-E-301ST
SRB-E-201LC

Note

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

Wiring example

Note (Wiring diagram) The contacts S11-S12 and S21-S22 must be integrated in the safety circuit.

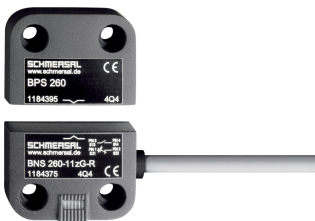
Ordering code

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)	
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

Product picture (catalogue individual photo)



ID: kbns2f23
| 25.0 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi
| 314.7 kB | .jpg | 352.778 x 246.239 mm - 1000 x 698 px - 72 dpi
| 38.3 kB | .jpg | 123.472 x 86.078 mm - 350 x 244 px - 72 dpi

Diagram

