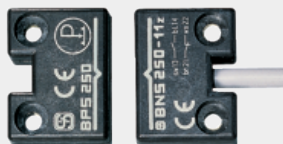


BNS250-11ZG



- Long life
- Small body
- LED version
- no mechanical wear
- 33 mm x 25 mm x 13 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Concealed mounting possible
- Insensitive to transverse misalignment

Data

Ordering data

Product type description	BNS 250-11ZG
Article number (order number)	101120671
EAN (European Article Number)	4030661049250
eCl@ss number, Version 9.0	27-27-24-02

Approval - Standards

Certificates	TÜV cULus EAC
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General data

Product name	BNS 250
Standards	IEC 60947-5-3 BG-GS-ET-14
Installation conditions (mechanical)	not flush
Enclosure material	Glass-fibre, reinforced thermoplastic
Gross weight	59 g

General data - Features

Coding	Yes
Integral System Diagnostics, status	Yes
Prerequisite evaluation unit	Yes
Number of openers	1

Number of shutters 1

Safety appraisal

Standards ISO 13849-1

Mission Time 20 Year(s)

Safety appraisal - Safety outputs

B10d- Value Normally-closed contact/Normally open contact (NC/NO) 25,000,000 Operations

Mechanical data

Active area front side

Actuating element Magnet

Ensured switch distance "ON" S_{ao} 4 mm

Ensured switch distance "OFF" S_{ar} 14 mm

Direction of motion Head-on to the active surface

Mechanical data - Connection technique

Terminal Connector Cable

Length of cable 1 m

Wire cross-section 0.25 mm^2

Wire cross-section 23 AWG

Material of the Cable mantle PVC

Mechanical data - Dimensions

Height of sensor 25 mm

Length of sensor 13 mm

Width of sensor 33 mm

Ambient conditions

Protection class 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 ... 150 Hz, amplitude 0.35 mm

Resistance to shock 30 g / 11 ms

Electrical data

Voltage type DC (direct current)

Switching voltage, maximum 24 VDC

Switching current, maximum 0.1 A

Switching capacity, maximum	1 W
Switching frequency, maximum	5 Hz

Electrical data - Digital Output

Versions	Miscellaneous, Reed contacts
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Status indication

Note (Integral System Diagnostics, status)	The LED is illuminated when the guard door is open.
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Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Accessory

Recommendation (actuator)	BPS 250
Recommended safety switchgear	SRB-E-301ST SRB-E-201LC

Notes

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

Product type description:

BNS 250-(1)Z(2)-(3)

(1)

11 1 NO contacts/1 NC contact

12 1 NO contact/2 NC contacts

(2)

without without LED switching conditions display

G with LED switching conditions display

(3)

2187 Individual contact outlet (without LED switching conditions display LED)

