



## BNS 33-11Z 10,0M

- Thermoplastic enclosure
- Concealed mounting possible
- Insensitive to transverse misalignment
- 88 mm x 25 mm x 13 mm
- Long life
- no mechanical wear
- Insensitive to soiling

## Data

### Ordering data

Product type description	BNS 33-11Z 10,0M
Article number (order number)	101121675
EAN (European Article Number)	4030661024394
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
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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)	not flush
Housing material	Glass-fibre, reinforced thermoplastic
Gross weight	360 g

### General data - Features

Coding	Yes
Prerequisite evaluation unit	Yes
Number of normally closed (NC)	1
Number of normally open (NO)	1

### Safety classification

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

### Mechanical data

Actuating element	Magnet
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### Mechanical data - Switching distances according EN IEC 60947-5-3

Assured switching distance "ON" $S_{ao}$	5 mm
	8 mm
Assured switching distance "OFF" $S_{ar}$	15 mm
	18 mm
Note (Repeat accuracy R)	FMAW00000002

### Mechanical data - Connection technique

Length of cable	10 m
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### Mechanical data - Dimensions

Length of sensor	13 mm
Width of sensor	88 mm
Height of sensor	25 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

## Electrical data

Switching element	1 NO contact, 1 NC contacts
Switching frequency, maximum	5 Hz

## Electrical data - Digital Output

Design of control elements	Miscellaneous, Reed contacts
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## Scope of delivery

Scope of delivery	Actuator must be ordered separately.
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## Accessory

Recommendation (actuator)	BPS 33-2326 BPS 33
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## 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.
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## Ordering code

Product type description:  
BNS 33-(1)Z(2)-(3)-(4)

(1)

<b>02</b>	2 NC contact
<b>11</b>	1 NO contacts/1 NC contact
<b>12</b>	1 NO contact/2 NC contacts

(2)

<b>without</b>	without LED switching conditions display
<b>G</b>	with LED switching conditions display

(3)

<b>without</b>	with cable
<b>ST</b>	with connector M8
<b>LST</b>	Connecting cable with connector M12

(4)

<b>2187</b>	Individual contact outlet
<b>2187-10</b>	Individual contact outlet with LED
<b>2237</b>	Actuation from cable direction

## Pictures

### Product picture (catalogue individual photo)



ID: kbns3f22  
| 116.8 kB | .jpg | 352.778 x 79.022 mm - 1000 x 224 px - 72 dpi  
| 14.2 kB | .png | 74.083 x 16.581 mm - 210 x 47 px - 72 dpi

### Dimensional drawing basic component

