

BNS 33-12Z-LST-2187 0,3M



- Long life
- no mechanical wear
- 88 mm x 25 mm x 13 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Individual contact outlet
- Connector M12 x 1, 8-pole
- Concealed mounting possible
- Insensitive to transverse misalignment

Data

Ordering data

	BNS 33-12Z-LST-2187 0.3M
	101194575
EAN (European Article Number)	4030661358994
eCl@ss number, Version 9.0	27-27-24-02

Approval - Standards

TÜV
EAC

General data

	BNS 33
	IEC 60947-5-3
	BG-GS-ET-14
Installation conditions (mechanical)	not flush
Enclosure material	Glass-fibre, reinforced thermoplastic
Gross weight	59.9 g

General data - Features

Prerequisite evaluation unit	Yes
Number of openers	2
Number of shutters	1

Safety appraisal

ISO 13849-1

Mission Time	20 Year(s)
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Safety appraisal - Safety outputs

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

Active area	lateral
Actuating element	Magnet
Ensured switch distance "ON" S_{ao}	8 mm
Ensured switch distance "OFF" S_{ar}	18 mm
Repeat accuracy R	$\leq 0.1 \times S_{ao}$
Direction of motion	Head-on to the active surface

Mechanical data - Connection technique

Terminal Connector	Connector M12
Length of cable	0.3 m

Mechanical data - Dimensions

Height of sensor	25 mm
Length of sensor	13 mm
Width of sensor	88 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	30 VDC
Switching current, maximum	0.3 A
Switching capacity, maximum	3 W
Switching frequency, maximum	5 Hz

Electrical data - Digital Output

Versions	Miscellaneous, Reed contacts
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Scope of delivery

Included in delivery Actuators must be ordered separately.

Accessory

BPS 33-2326

SRB 219IT

SRB 308IT

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.

Ordering code

Product type description:

BNS 33-(1)Z(2)-(3)-(4)

(1)

02 2 NC contact

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)

without with cable

ST with connector M8

(4)

2187 Individual contact outlet

2187-10 Individual contact outlet with LED

2237 Actuation from cable direction

Pictures

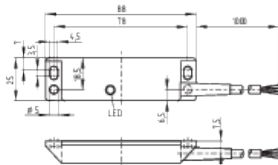
Photo/Product/Catalogue



ID: kbns3f21

| 129,8 kB | .jpg | 232.833 x 105.481 mm - 660 x 299 Pixel - 72 dpi
| 23,0 kB | .png | 74.083 x 33.514 mm - 210 x 95 Pixel - 72 dpi

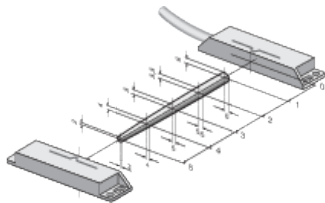
Dimension/Product/Basic



ID: 1bns3g03

| 88,2 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703
Pixel - 72 dpi
| 37,7 kB | .cdr |
| 7,4 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

Diagramm/Product/Curve



ID: kbns3a01

| 13,1 kB | .png | 74.083 x 45.508 mm - 210 x 129
Pixel - 72 dpi
| 96,3 kB | .cdr |
| 124,5 kB | .jpg | 352.778 x 216.253 mm - 1000 x 613
Pixel - 72 dpi

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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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