


BNS 30-01Z-ST-2211
Data
Ordering data

	BNS 30-01Z-ST-2211
	101181851
EAN (European Article Number)	4030661316369

Approval - Standards

EAC

General data

	IEC 60947-5-3
	BG-GS-ET-14
Installation conditions (mechanical)	quasi-flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Gross weight	150 g

General data - Features

Coding	Yes
Safety monitoring module integrated	Yes

Safety appraisal

	ISO 13849-1
Mission Time	20 Year(s)

Mechanical data

Actuating element	Magnet
Ensured switch distance "ON" S_{ao}	5 mm
Ensured switch distance "OFF" S_{ar}	15 mm

Mechanical data - Dimensions

	M30
Length of sensor	78 mm

Ambient conditions

	IP67
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+55 °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

Switching voltage, maximum	250 VAC
Switching current, maximum	3 A
Switching capacity, maximum	750 W
Switching frequency, maximum	5 Hz

Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Accessory

BPS 300
BPS 303
BPS 303 SS

Notes

Note (General)	Contact symbols shown for the closed condition of the guard device.
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Ordering code

Product type description:

BNS 30-01Z(1)-(2)-(3)

(1)

without without LED switching conditions display

G with LED switching conditions display (on version with cable)

(2)

without with cable

ST M12 connector

(3)

2211 higher switching distance

2334 increased switching distance and supplementary signalling output

2246 Ue 42 VAC

Pictures

Photo/Product/Catalogue



ID: kbns3f08

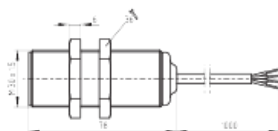
| 502,0 kB | .jpg | 222.603 x 635.353 mm - 631 x 1801

Pixel - 72 dpi

| 83,5 kB | .png | 74.083 x 211.314 mm - 210 x 599

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1bns3g08

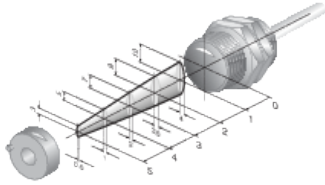
| 3,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 57,6 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697

Pixel - 72 dpi

| 58,8 kB | .cdr |

Diagramm/Product/Curve



ID: kbns3a02

| 148,1 kB | .jpg | 352.778 x 201.436 mm - 1000 x 571
Pixel - 72 dpi

| 118,4 kB | .cdr |

| 17,7 kB | .png | 74.083 x 42.333 mm - 210 x 120
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.

Generated on 302021-01-31T06:18:30+01:000601Europe/BerlinSun, 31 Jan 2021 06:18:30

+010030amSunday.31am31Europe/BerlinCET1801Europe/BerlinJanuary2021Sun, 31 Jan 2021 06:18:30

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