


**BNS30-01ZG-2211**

## Data

### Ordering data

|                               |                 |
|-------------------------------|-----------------|
|                               | BNS30-01ZG-2211 |
|                               | 101166315       |
| EAN (European Article Number) | 4030661214214   |

### 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                         | 190 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<br>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. |
|----------------------|---------------------------------------|

## Accessory

BPS 300  
BPS 303  
BPS 303 SS

## Notes

|                |                                                                     |
|----------------|---------------------------------------------------------------------|
| Note (General) | Contact symbols shown for the closed condition of the guard device. |
|----------------|---------------------------------------------------------------------|

## 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

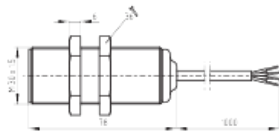
Photo/Product/Catalogue



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

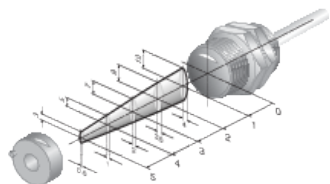
Dimension/Product/Basic



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.

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