



BNS 30-01ZG-2211 6,0M

- Metal enclosure
- Long life
- Suitable for food processing industry only in combination with BPS 303 SS
- no mechanical wear
- Ø M30
- Insensitive to transverse misalignment
- Insensitive to soiling
- With integral evaluation

Data

Ordering data

EAN (European Article Number)	4030661222189
eCl@ss number, Version 9.0	27-27-24-02
eCl@ss number, Version 11.0	27-27-24-02
ETIM number, version 6.0	EC002544
ETIM number, version 7.0	EC002544

Approval - Standards

Certificates	EAC
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General data

Standards	IEC 60947-5-3 BG-GS-ET-14
Coding level according to ISO 14119	Low

Active principle	Magnetic drive
Installation conditions (mechanical)	quasi-flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Gross weight	520 g

General data - Features

Safety monitoring module integrated	Yes
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Safety appraisal

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

Mechanical data

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

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

Mechanical data - Dimensions

ISO thread of the sensor	M30
Length of sensor	78 mm

Ambient conditions

Degree of protection	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
Resistance to shock	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

Recommendation (actuator)	BPS 300 BPS 303 BPS 303 SS
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Notes

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