



BNS 260-11Z-L 5,0M

- Thermoplastic enclosure
- Small body
- Concealed mounting possible
- 26 mm x 36 mm x 13 mm
- Long life
- no mechanical wear
- Insensitive to transverse misalignment
- Insensitive to soiling

Data

Ordering data

EAN (European Article Number) 4030661340487

Approval - Standards

Certificates
TÜV
BG
cULus
EAC

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 | Glass-fibre, reinforced thermoplastic |
| Gross weight | 195 g |

General data - Features

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|---------------------------|---|
| Number of openers | 1 |
| Number of shutters | 1 |
| Number of safety contacts | 2 |
| Number of cable wires | 4 |

Safety appraisal

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

Safety appraisal - Safety outputs

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

Mechanical data

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|---------------------|-------------------------------|
| Actuating element | Magnet |
| Direction of motion | Head-on to the active surface |

Mechanical data - Switching distances according IEC 60947-5-3

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|--|--|
| Notice (Switch distance S_n) | Axial misalignment, a horizontal and vertical misalignment of the safety sensor and the actuator are tolerated. The possible misalignment depends on the distance of the active surfaces of the sensor and the actuator. The sensor remains active within the tolerance range. |
| Ensured switch distance "ON" S_{a0} | 5 mm |
| Ensured switch distance "OFF" S_{ar} | 15 mm |

Mechanical data - Connection technique

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|------------------------------|----------------------|
| Terminal Connector | Cable |
| Length of cable | 5 m |
| Wire cross-section | 0.25 mm ² |
| Material of the Cable mantle | PVC |

Mechanical data - Dimensions

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|------------------|-------|
| Length of sensor | 13 mm |
| Width of sensor | 26 mm |
| Height of sensor | 36 mm |

Ambient conditions

| | |
|--|------------------------------|
| Degree of protection | 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 |
| Resistance to shock | 30 g / 11 ms |

Electrical data

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|------------------------------|-------|
| Switching current, maximum | 0.4 A |
| Switching capacity, maximum | 10 VA |
| Switching frequency, maximum | 5 Hz |

Scope of delivery

Included in delivery

Actuators must be ordered separately.

Accessory

| | |
|-------------------------------|----------------------------|
| Recommendation (actuator) | BPS 260 |
| Recommended safety switchgear | 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. |
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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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