



BN 75-11Z-1391

- with Pre-wired cable
- Non-contact principle
- 1 Reed kontakts
- Long life
- 80 mm x 99,5 mm x 55 mm
- Float switch
- Thermoplastic enclosure
- Available with M12 plug-in connector and pre-wired cable

Data

Ordering data

| | |
|-------------------------------|----------------|
| Product type description | BN 75-11Z-1391 |
| Article number (order number) | 101055702 |
| EAN (European Article Number) | 4030661008998 |
| eCl@ss number, version 12.0 | 27-27-43-02 |
| eCl@ss number, version 11.0 | 27-27-01-05 |
| eCl@ss number, version 9.0 | 27-27-01-05 |
| ETIM number, version 7.0 | EC002544 |
| ETIM number, version 6.0 | EC002544 |

General data

| | |
|---------------------------|---------------------------------------|
| Working principle | Magnetic drive |
| Housing construction form | Special construction |
| Housing material | Glass-fibre, reinforced thermoplastic |

Active area Plastic

Gross weight 132 g

General data - Features

Number of normally closed (NC) 1

Number of normally open (NO) 1

Mechanical data

Actuating element Magnet

Mechanical life, minimum 1,000,000,000 Operations

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

Hysteresis (Switching distance), maximum 3 mm

Mechanical data - Connection technique

Termination Pre-wired cable

Mechanical data - Dimensions

Length of sensor 55 mm

Width of sensor 80 mm

Height of sensor 99.5 mm

Ambient conditions

Degree of protection IP67

Ambient temperature -25 ... +80 °C

Electrical data

| | |
|-----------------------------|-------------------------|
| Switching voltage, maximum | 220 VAC |
| Switching current, maximum | 1 A |
| Switching capacity, maximum | 60 W |
| Switching capacity, maximum | 60 VA |
| Switching element | NO contact / NC contact |
| Bounce duration, minimum | 0.2 ms |
| Bounce duration, maximum | 0.5 ms |

Electrical data - Digital Output

| | |
|----------------------------|---------------|
| Design of control elements | Reed contacts |
|----------------------------|---------------|

Note

| | |
|----------------|---|
| Note (General) | The switching function is reversed accordingly, if the floater in a changeover contact element is turned upside-down. The operating points listed, apply for water. |
|----------------|---|

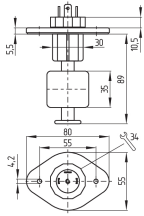
Pictures

Product picture (catalogue individual photo)



ID: kbn75f01
| 560.2 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi
| 48.7 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi
| 34.8 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Dimensional drawing basic component



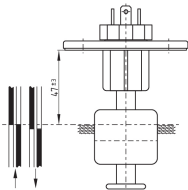
ID: 1bn75g01

| 24.8 kB | .cdr |

| 4.0 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

| 79.9 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 px - 72 dpi

Diagram



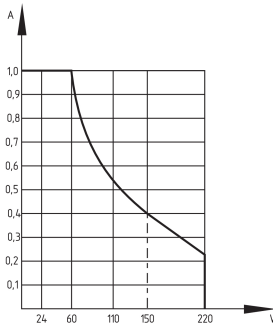
ID: 1bn75k03

| 22.9 kB | .cdr |

| 53.4 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 px - 72 dpi

| 5.7 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

Characteristic curve



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| 3.0 kB | .png | 74.083 x 87.842 mm - 210 x 249 px - 72 dpi

| 106.3 kB | .jpg | 352.778 x 419.1 mm - 1000 x 1188 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220

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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