



## BN 75-10Y

- with connector
- Non-contact principle
- 1 Reed contacts
- 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 75-10Y
Article number (order number)	101055743
EAN (European Article Number)	4030661009414
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	74 g

## General data - Features

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 Connector

## Mechanical data - Dimensions

Length of sensor 55 mm  
Width of sensor 80 mm  
Height of sensor 99.5 mm

## Ambient conditions

Degree of protection IP65  
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 Normally open contact (NO)

Bounce duration, minimum 0.3 ms

Bounce duration, maximum 0.6 ms

## Electrical data - Digital Output

Design of control elements Reed contacts

## Note

Note (General)

Depending on how the floater is assembled, either a NO contact or a NC contact is possible.

The indicated switching points are applicable for water

## Pictures

### Product picture (catalogue individual photo)



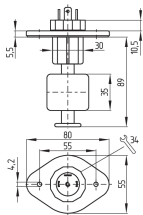
ID: kbn75f01

| 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



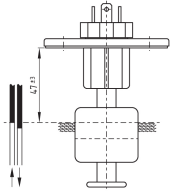
ID: 1bn75g01

| 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

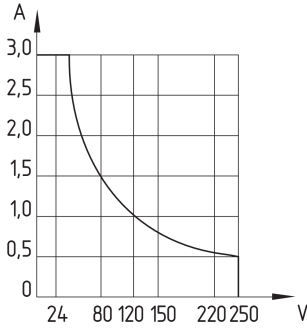


ID: 1bn75k01

| 49.9 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 px - 72 dpi

| 5.3 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

## Characteristic curve



ID: kbn32d01

| 110.5 kB | .jpg | 352.425 x 371.828 mm - 999 x 1054 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.

Generated on: 22/08/2024, 2:02 pm