



## BN 75-11Y

- with connector
- 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 75-11Y
Article number (order number)	101055701
EAN (European Article Number)	4030661008981
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 75 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 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	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
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## 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.
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## Pictures

### Product picture (catalogue individual photo)



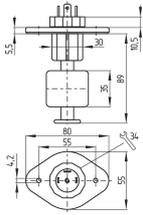
ID: kbn75f01

| 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

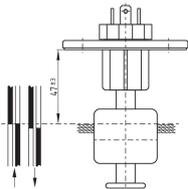
| 34.8 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

### Dimensional drawing basic component



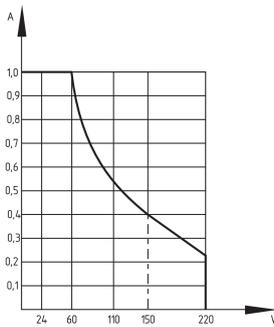
ID: 1bn75g01  
| 24.8 kB | .cdr |  
| 4.0 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi  
| 79.9 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 px - 72 dpi

## 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



ID: kbn65d02  
| 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

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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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