

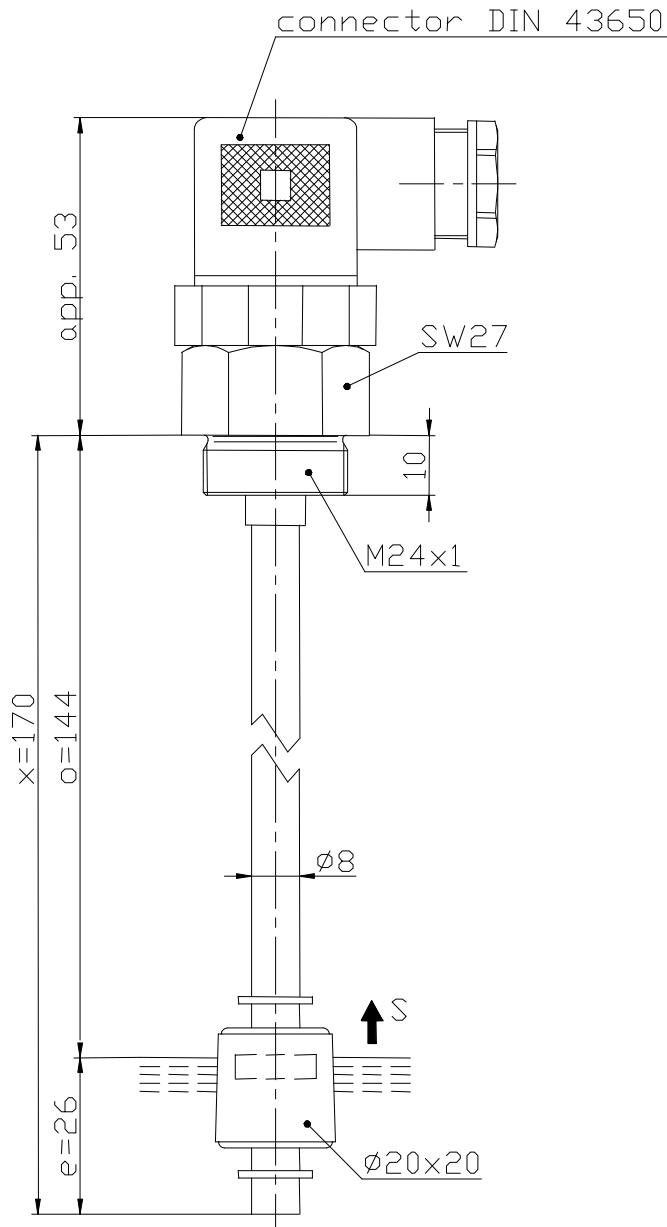
# Technical Data

## Float Switch

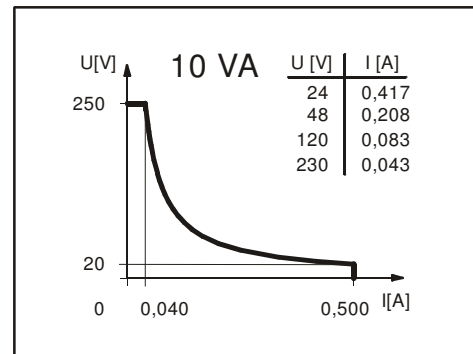
### Mini-level float switches

Description **MSK3-MS-M24-S 0170**

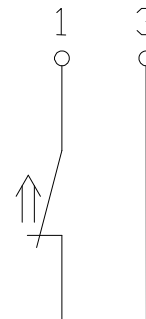
Article number **6891230002**



### Performance diagramm (maximum data)



### Wiring diagramm (matching to the drawing)



Subject to change without notice.

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### Mini-level float switches

Description **MSK3-MS-M24-S 0170**Article number **6891230002**

#### Electrical data

|                    |                         |   |
|--------------------|-------------------------|---|
| Reed contact       | max. switching voltage  | 250 V   |
|                    | max. switching current  | 0,5 A   |
|                    | max. switching capacity | 10 VA   |
|                    | mechanical life         | 10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load |
| Switching element  |                         | 1 normally open contact, rising level                             |
| Direction category |                         | AC-22A and DC-22A acc to DIN VDE 0660 T107                        |
| Standard           |                         | acc to DIN VDE 0660 T200  |

#### Mechanical data

|                           |   |
|---------------------------|---|
| Screw connection material | CuZb39PB2 (2.0401)  |
| Switching tube material   | CuZn37 (2.0321)   |
| Float material            | NBR   |
| -density                  | about 0,8 g/cm <sup>3</sup> ±10%                          |
| -depth of immersion       | 15 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> ) |
| Grip screw material       | CuSn8 (2.1030)  |
| Gasket material           | silicone  |
| Ambiente air temperature  | -5°C bis +60 °C   |
| Medium temperature        | -5°C bis +60 °C   |
| Connection                | plug-in connection acc. to DIN 43650                      |
| Protection type           | IP 65 acc to DIN VDE 0470 T1                              |
|                           | <u>only with socket</u>                                   |
| Max. pressure             | 10 bar  |

#### General details

Reproducibility of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-tight of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2mm

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!