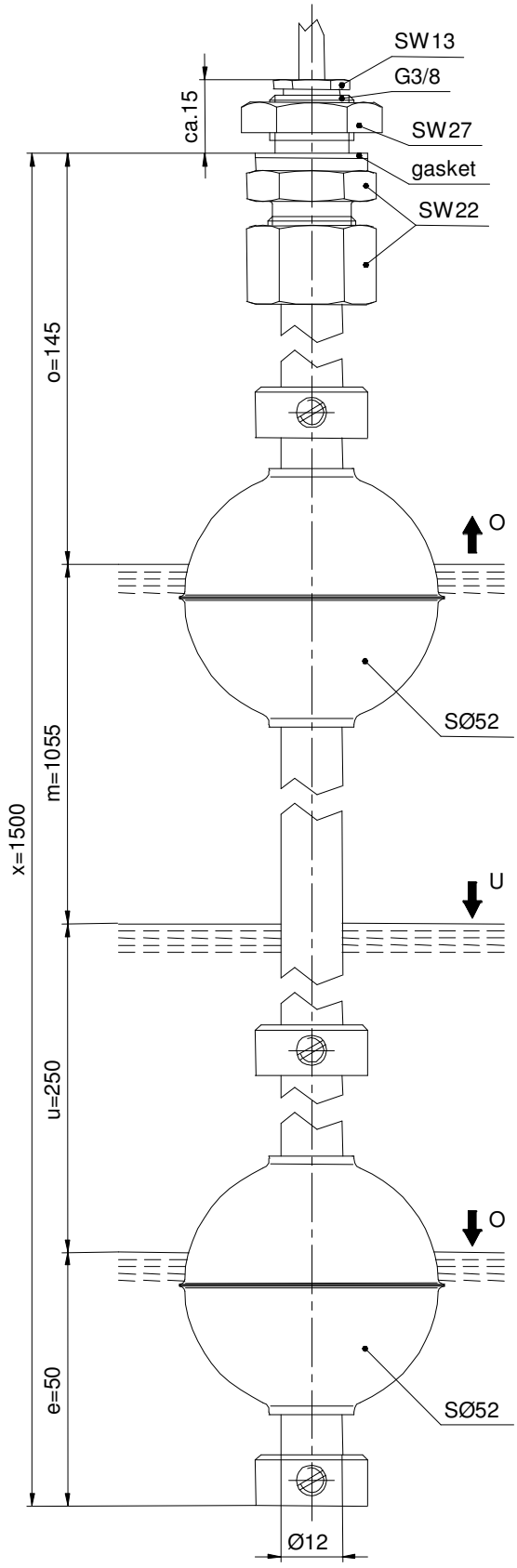
# Technical Data
Float Switch

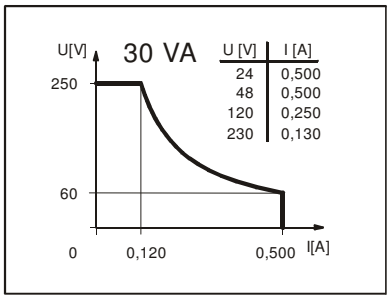
## Standard float switch

Description **MAE-734 KAS 1500**

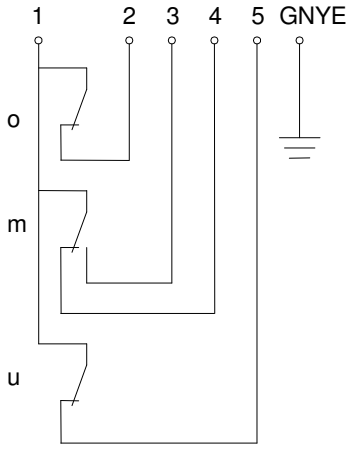
Article number **6835182017**




**Performance diagramm**
(maximum data)




**Wiring diagramm**




Subject to change without notice.



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Vorlage : 0850174280 Orig. 2

# Technical Data
Float Switch

BERNSTEIN safe solutions

## Standard float switch

Description **MAE-734 KAS 1500** Article number **6835182017**

### Electrical data

| | | |
|---|---|---|
| Reed contact | max. switching voltage | 250 V |
| | max. switching current | 0,5 A |
| | max. switching capacity | 30 VA |
| | mechanical life | $10^7$ to $10^9$ switches depending on the load |
| Switching element | | o = normaly closed contact, rising level |
| | | m = change over contact, falling level |
| | | u = normaly closed contact, falling 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 | X 6 CrNiMoTi 17 12 2 (1.4571) |
| Switching tube material | X 6 CrNiMoTi 17 12 2 (1.4571) |
| Float material | NBRX 6 CrNiMoTi 17 12 2 (1.4571) |
| -density | about 0,65 g/cm³ ±10% |
| -depth of immersion | 32 mm ±2 mm ( to a fluid-density of 1 g/cm³ ) |
| Adjusting ring material | X 6 CrNiMoTi 17 12 2 (1.4571) |
| Gasket material | NBR |
| Ambiente air temperature | -5°C bis +60°C |
| Medium temperature | -5°C bis +60°C |
| Connection | 2 m cable, PVC, 6x 0,5 mm² |
| Protection type | IP 65 acc to DIN VDE 0470 T1 |
| Max. pressure | 15 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/cm³.
The tolerance of the switching points is ±2mm
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!