

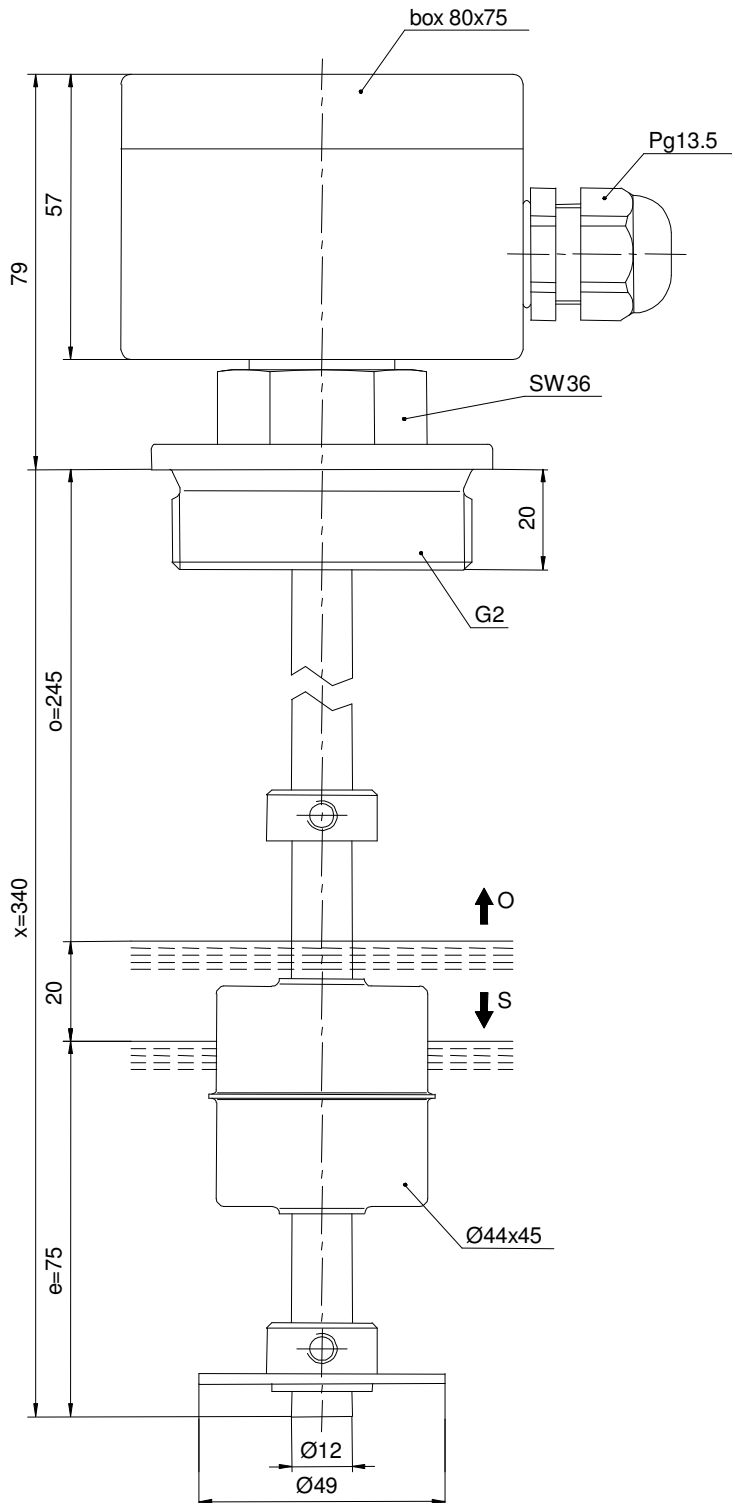
Technical Data

Float Switch

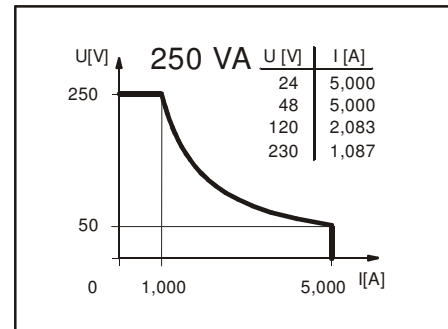
Standard float switches

Description **MAN-713 KCAN2S 0340**

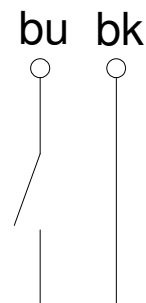
Article number **6814129002**



Performance diagramm (maximum data)



Wiring diagramm



Subject to change without notice.

Date of issue : 10.10.2005 / Page 1 of 2
Document : 6814129002_en / Last update : 1

Standard float switches

Description **MAN-713 KCAN2S 0340** Article number **6814129002**

Electrical data

| | | |
|--------------------|-------------------------|---|
| Reed contact | max. switching voltage | 250 V |
| | max. switching current | 5 A |
| | max. switching capacity | 250 VA |
| | mechanical life | 10 ⁷ to 10 ⁹ switches depending on the load |
| Switching element | | 1 normally closed contact, rising level 1 normally open 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

| | | |
|---------------------------|---------------------|---|
| Terminal box material | | GD-AlSi12 (3.2581.05) |
| Screw connection material | | 6 CrNiMoTi 17 12 2 (1.4571) |
| Switching tube material | | 6 CrNiMoTi 17 12 2 (1.4571) |
| Float material | | 6 CrNiMoTi 17 12 2 (1.4571) |
| | -density | about 0,68 g/cm ³ ±10% |
| | -depth of immersion | 18 mm ±2 mm (to a fluid-density of 1 g/cm ³) |
| Adjusting ring material | | 6 CrNiMoTi 17 12 2 (1.4571) |
| Grip screw material | | X35CrMo17 (chrome steel) |
| Distance disk material | | 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 | | connecting block inside the terminal box |
| 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!