

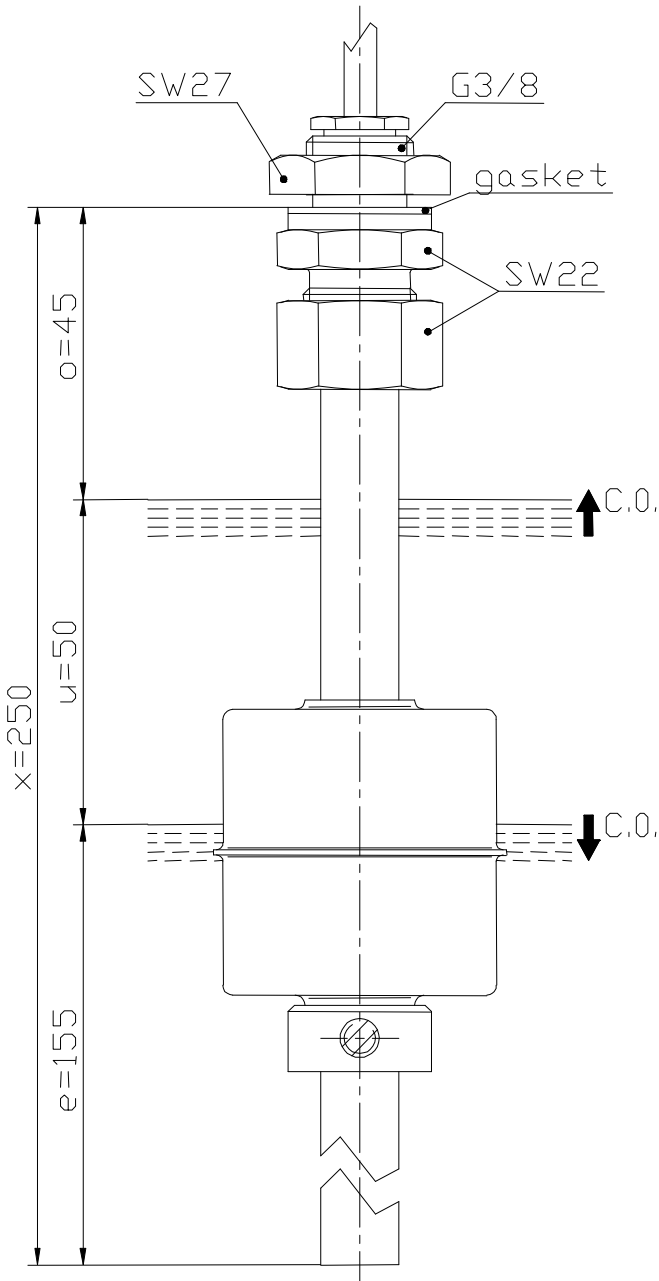
# Technical Data

## Float Switch

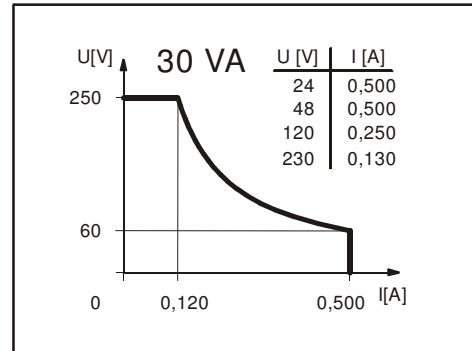
### Standard float switches

Description **MAN-723 KAS 0250**

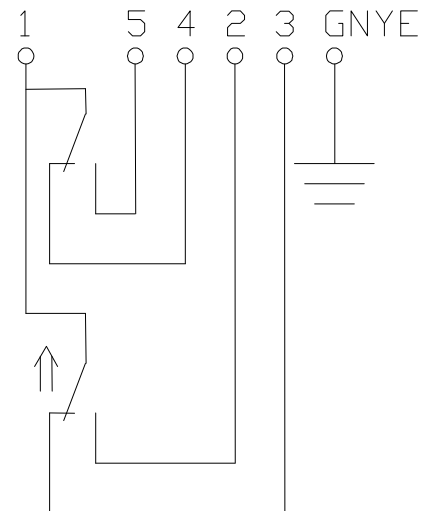
Article number **6825122020**



### Performance diagram (maximum data)



### Wiring diagram (without liquid)



Subject to change without notice.

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### Standard float switches

Description **MAN-723 KAS 0250** Article number **6825122020**

#### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		1 change over contact, rising level 1 change over 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 Pg7		X8CrNiS18-9 (1.4305)
Screw connection material G3/8		X6CrNiMoTi17-12-2 (1.4571)
Hexagon nut material		X8CrNiS18-9 (1.4305)
Switching tube material		X6CrNiMoTi17-12-2 (1.4571)
Float material		X6CrNiMoTi17-12-2 (1.4571)
	-density	about 0,65 g/cm <sup>3</sup> ±10%
	-depth of immersion	32 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material		X6CrNiMoTi17-12-2 (1.4571)
Gasket material		NBR
Ambient air temperature		-5 °C to +60 °C
Liquid temperature		-5 °C to +60 °C
Connection		1m cable, PVC, 6x0.50mm"
Protection type		IP 65 acc to DIN VDE 0470 T1
Max. pressure		5 bar

#### General details

Repeatability 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-density 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!