

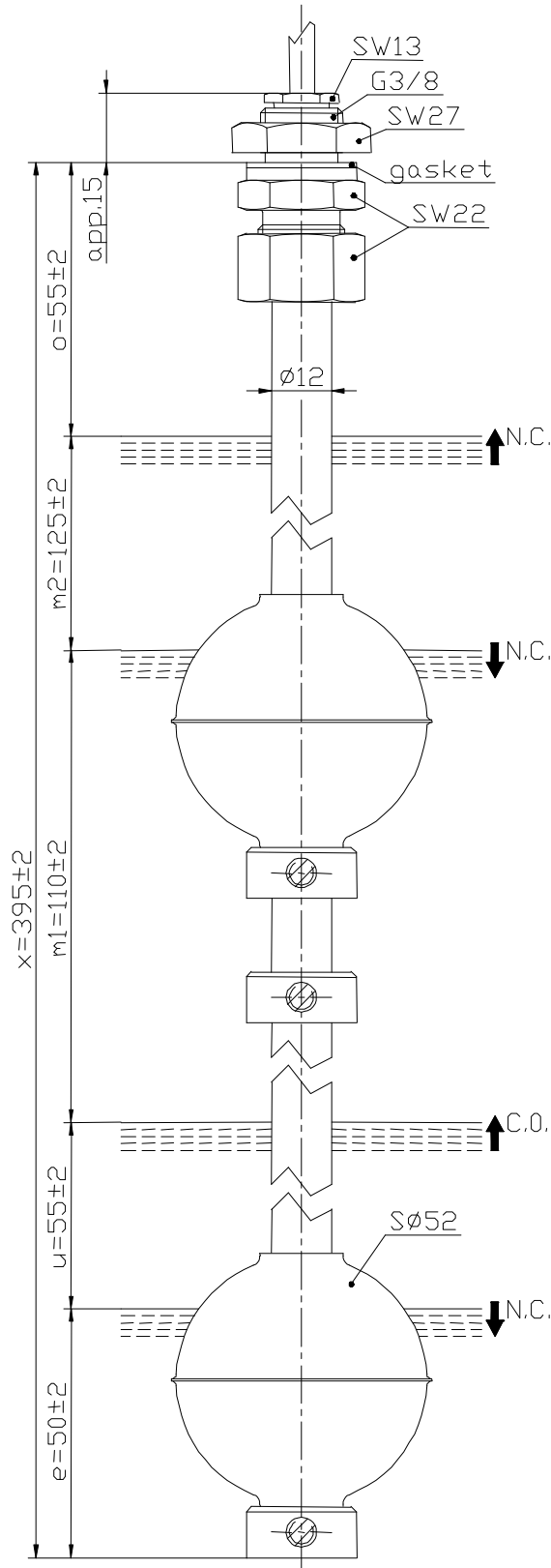
Technical Data

Float Switch

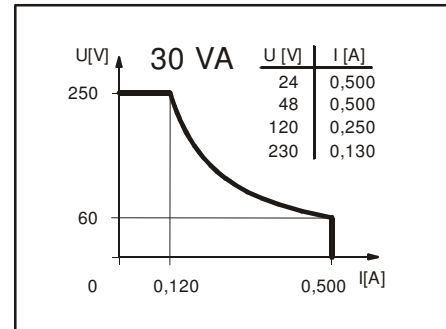
Standard float switches

Description **MAE-744 KAS 0395**

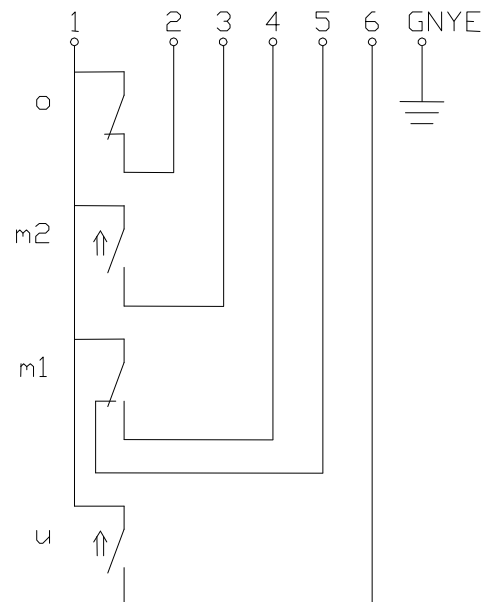
Article number **6845182016**



Performance diagram
(maximum data)



Wiring diagram
(without liquid)



Subject to change without notice.

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Standard float switches

Description **MAE-744 KAS 0395** Article number **6845182016**

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= normally closed contact, rising level m2= normally closed contact, falling level m1= change over contact, rising level u= normally closed contact, falling level
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107
Standard		acc. to DIN VDE 0660 T200

Mechanical data

Screw connection material		X6CrNiMoTi17 12 2 (1.4571)
Hexagon nut material		X10CrNiS18 9 (1.4305)
Switching tube material		X6CrNiMoTi17 12 2 (1.4571)
Float material		X6CrNiMoTi17 12 2 (1.4571)
	-density	about 0,65 g/cm ³ ±10%
	-depth of immersion	32mm ±2 mm (to a fluid-density of 1 g/cm ³)
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, 7x0,50mm ²
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/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!