

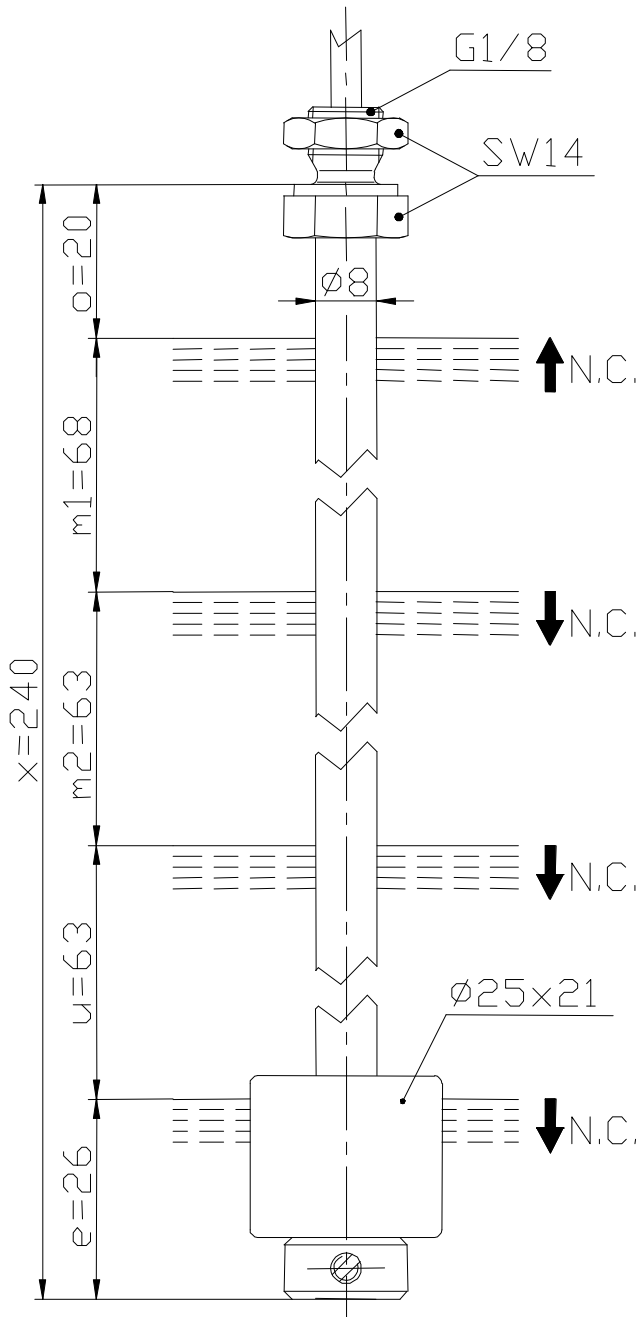
Technical Data

Float Switch

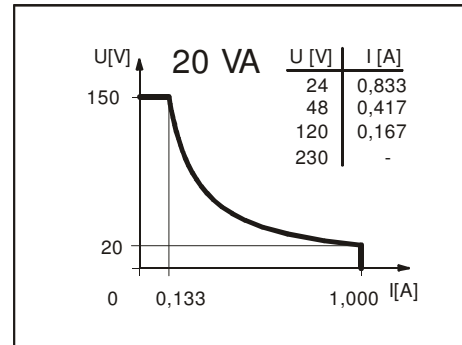
Mini-level float switches

Description **MSK1-NI-R1/8-4O 0240**

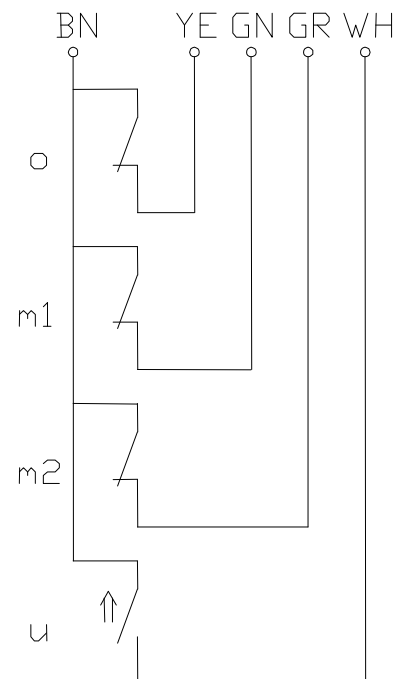
Article number **6895111003**



Performance diagram (maximum data)



Wiring diagram (without liquid)



Subject to change without notice.

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Mini-level float switches

Description **MSK1-NI-R1/8-4O 0240**

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Electrical data

Reed contact	max. switching voltage	150 V
	max. switching current	1,0 A
	max. switching capacity	20 VA
	mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
		o= 1 normally closed contact, rising level
		m1= 1 normally closed contact, falling level
		m2= 1 normally closed contact, falling level
Switching element		u= 1 normally 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		X5CrNiMo17-12-2 (1.4401)
Hexagon nut material		X10CrNiS18-9 (1.4305)
Switching tube material		X6CrNiMoTi17-12-2 (1.4571)
Float material		PP
	-density	about 0,55 g/cm ³ ±10%
	-depth of immersion	12 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material		X6CrNiMoTi17-12-2 (1.4571)
Ambient air temperature		-5 °C to +60 °C
Liquid temperature		-5 °C to +60 °C
Connection		0.3m cable, PVC, 5x0,5mm 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!