

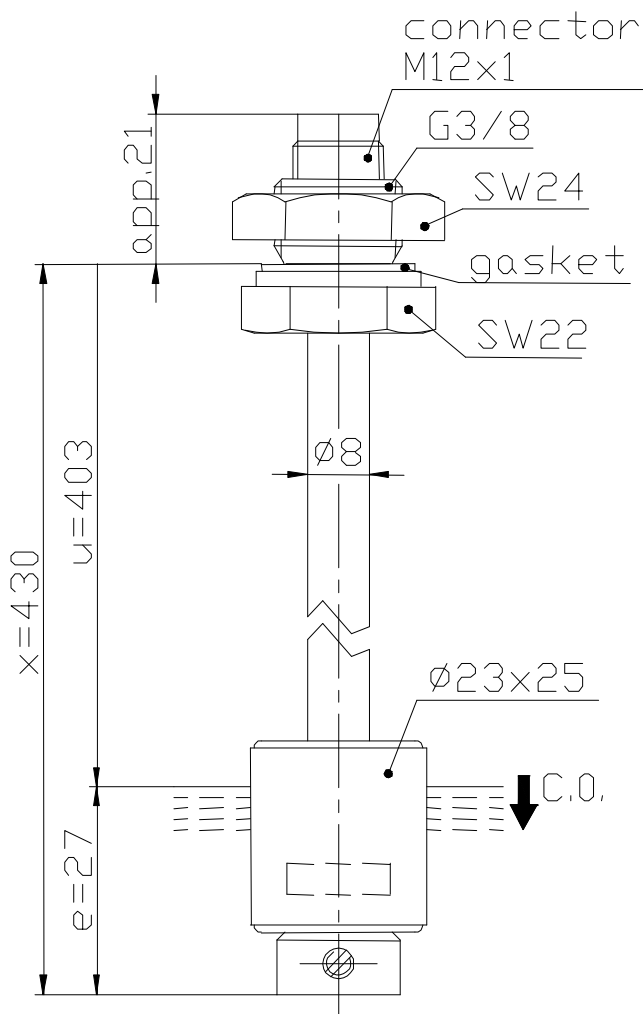
Technical Data

Float Switch

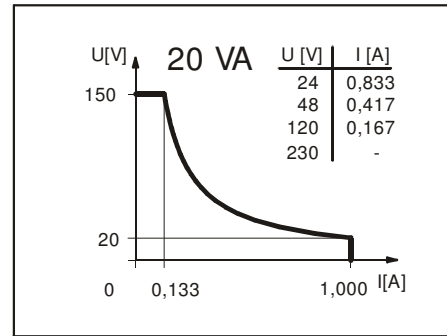
Mini-level float switches

Description **MSK4-NI-R3/8ST-U 0430**

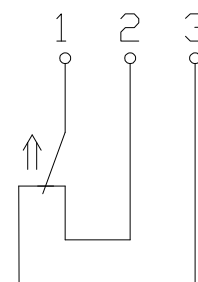
Article number **6891143003**



Performance diagram
(maximum data)



Wiring diagram
(without liquid)



Subject to change without notice.

Mini-level float switches

Description **MSK4-NI-R3/8ST-U 0430**

Article number **6891143003**

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
Switching element		1 change over 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	X6CrNiMoTi 17 12 2 (1.4571)	
Hexagon nut material	X6CrNiMoTi 17 12 2 (1.4571)	
Switching tube material	X6CrNiMoTi 17 12 2 (1.4571)	
Float material	NBR	
	-density	about 0,7 g/cm ³ ±10%
	-depth of immersion	16 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X6CrNiMoTi 17 12 2 (1.4571)	
Gasket material	NBR	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	connector M12x1, pole 1 to 3 engaged	
Protection type	IP 65 acc to DIN VDE 0470 T1	
Max. pressure	10 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!