

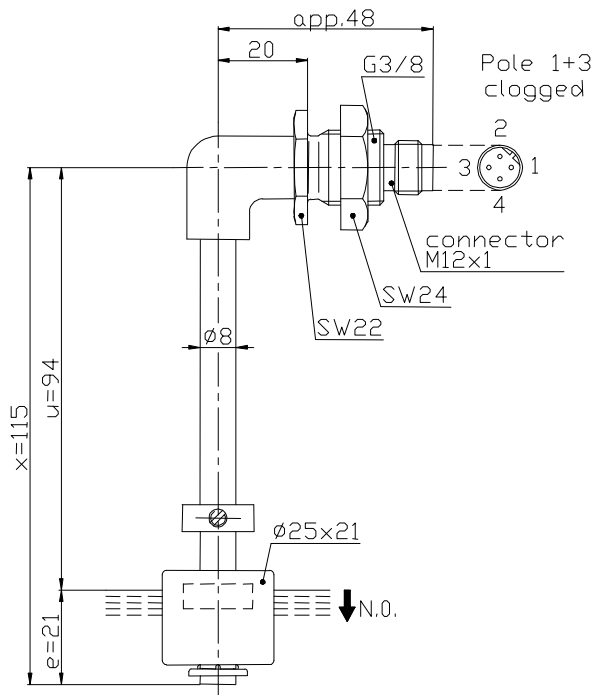
# Technical Data

## Float Switch

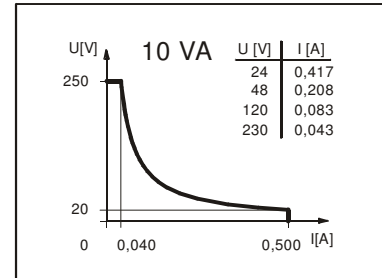
### Mini-level float switches

Description **MSK1-PVC-WR3/8-ST-S 0115**

Article number **6891313006**



**Performance diagram**  
(maximum data)



**Wiring diagram**  
(without liquid)



### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		1 normally open contact, rising level The switching function can be changed from N.O. to N.C. by turning the float up to 180°.
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	PVC
Hexagon nut material	PVC
Switching tube material	PVC
Float material	PP
-density	about 0,55 g/cm <sup>3</sup> ±10%
-depth of immersion	12 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	PVC
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	Plug-in connection M12x1, 4 pole (Pole 1+3 clogged)
Protection type	IP 65 acc to DIN VDE 0470 T1
Max. pressure	Only with female socket 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!

Subject to change without notice.

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