

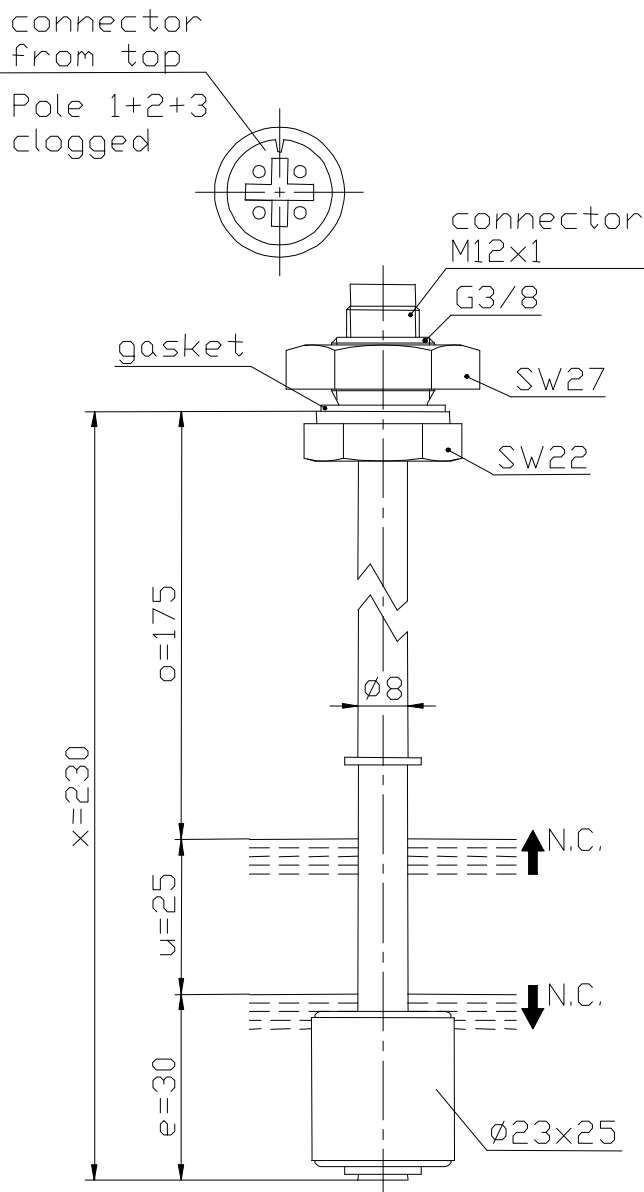
# Technical Data

## Float Switch

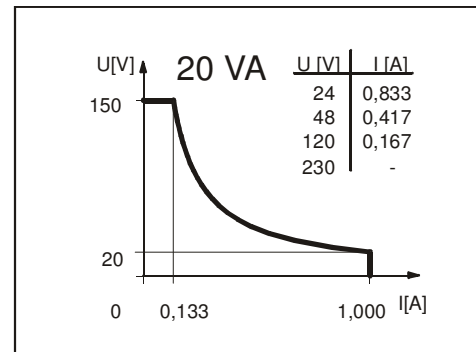
### Mini-level float switches

Description **MSK4-MS-R3/8ST-SO 0230**

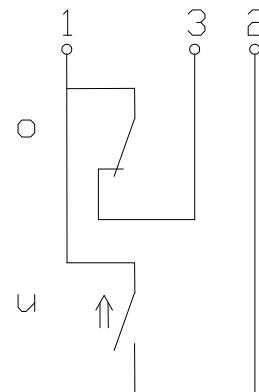
Article number **6895243002**



### Performance diagram (maximum data)



### Wiring diagram (without liquid)



Subject to change without notice.

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### Mini-level float switches

Description **MSK4-MS-R3/8ST-SO 0230** Article number **6895243002**

#### Electrical data

Reed contact	max. switching voltage	150 V
	max. switching current	1,0 A
	max. switching capacity	20 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		1 normally closed contact, rising level 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	2.0401 (CuZn39Pb3)	
Hexagon nut material	2.0401 (CuZn39Pb3)	
Switching tube material	2.0321 (CuZn37)	
Float material	NBR	
	-density	about 0,7 g/cm <sup>3</sup> ±10%
	-depth of immersion	16 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	X35CrMo17 (1.4122)	
Gasket material	NBR	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	Connector M12x1	
Protection type	IP 65 acc to DIN VDE 0470 T1 <u>only with female socket</u>	
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!