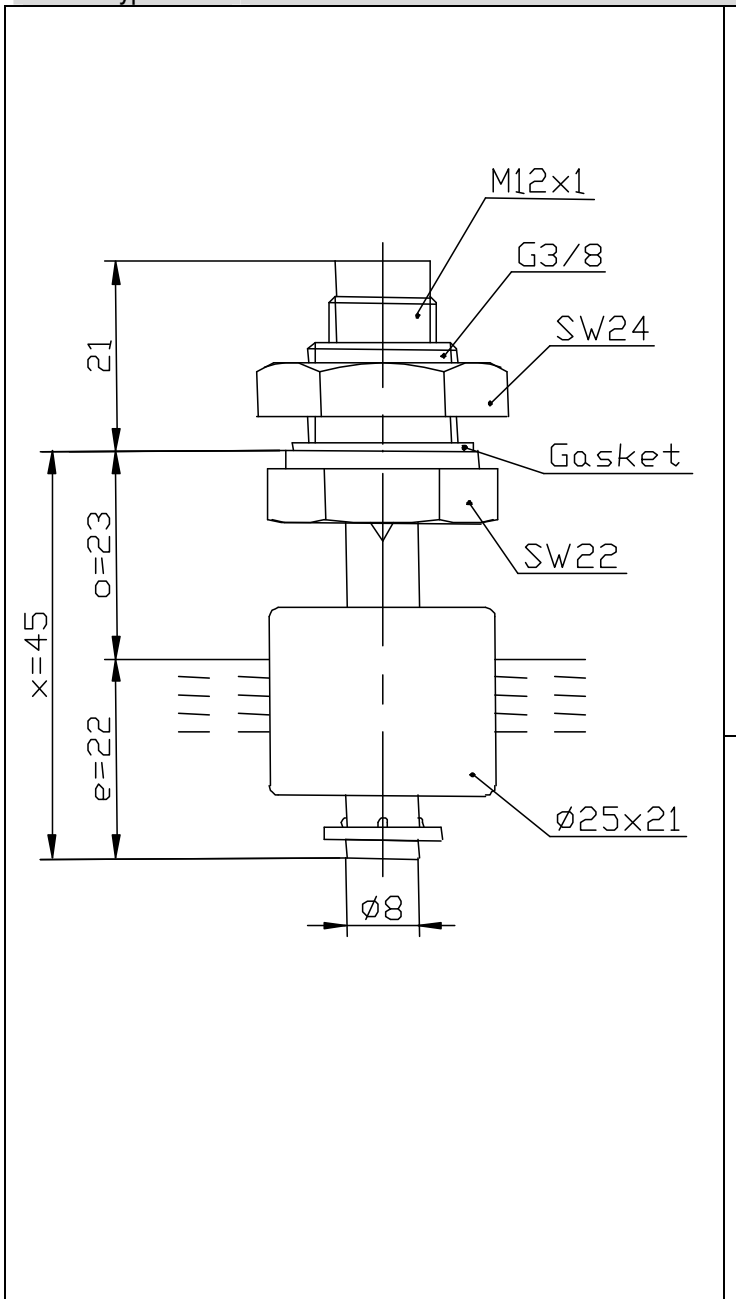


# Technical Data

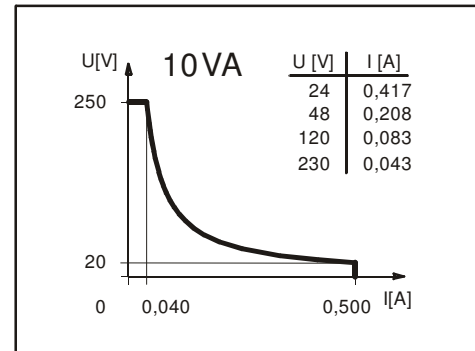
## Magnetic Float Switch

Typ: **MSK2-PVC-R3/8ST-S**

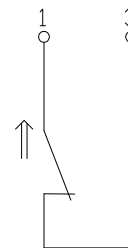
Art.-No.: **6891323007\_01**



### Performance diagram (maximum data)



### Wiring diagram (matching to the drawing)



### Electrical Data (maximum data)

Contact:	max. voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mech. lifetime	$10^7$ to $10^9$ switches depending on the load
Switching function		Normally-open contact, falling level The switching function can be changed from N.O. to N.C. By turning the float up to 180°
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107 (IEC 947-3-1 / EN 60947-3-1)
Standard		acc. to DIN VDE 0660 T200 (IEC 947-5-1 / EN 60947-5-1)

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# Technical Data

## Magnetic Float Switch

### Mechanical Data

hexagon nut material	PVC
Housing material	PVC
Material of float	PVC
- density	about 0.7 g/cm <sup>3</sup> ±10%
- immersion of depth	15 mm ±2 mm ( to a fluid-tight of 1 g/cm <sup>3</sup> )
Material of grip screw	PVC
Material of gasket	NBR
Ambient temperature	from -5 °C to +60 °C
Fluid temperature	from -5 °C to +60 °C
Mode of connection	Plug-in connection M12x1 DC ( 4-pole) (Pole 1 and 3 clogged)
Protection class	IP 65 acc. to DIN VDE T1 (IEC 529 / EN 60529) <u>only with female socket</u>
Max. pressure	5 bar

### General details

Reproducibility of switching points is ±0.05mm based on the same geometrical conditions to as of a switch device.

The measures of the switching points refer to a fluid-tight of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2 mm.

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

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