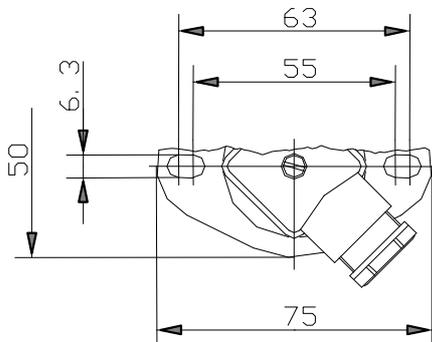
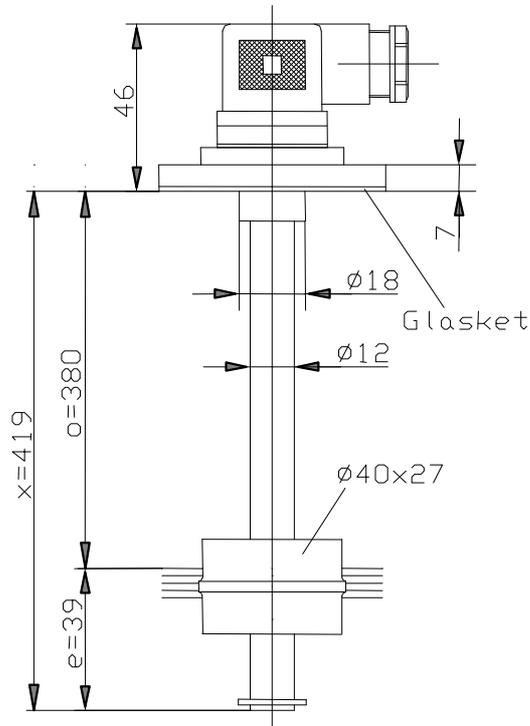


Technical Data

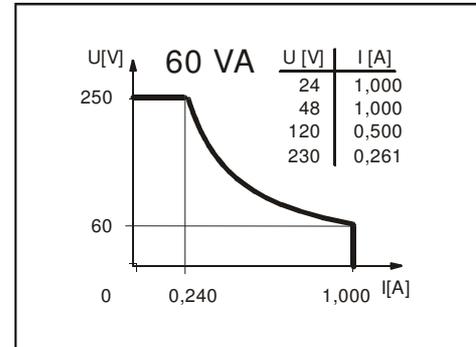
Magnetic Float Switch

Typ: **MAM-713 LTOS**

Art.-No.: **6816200020**

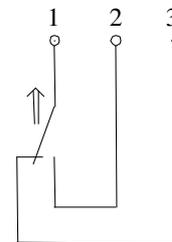


Performance diagram (maximum data)



Wiring diagram

(matching to the drawing)



Electrical Data (maximum data)

Contact:	max. voltage	250 V
	max. switching current	1.0 A
	max. switching capacity	60 VA
	mech. lifetime	10^7 to 10^9 switches depending on the load
Switching function	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	

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Technical Data

Magnetic Float Switch

Mechanical Data

Material of flange	PA 66
Material of switching tube	CuZn37 (2.0321)
Material of float	POM
-density	about 0.7 g/cm ³ ±10%
- immersion depth	18 mm ±2 mm (to a fluid-tight of 1 g/cm ³)
Material of grip screw	CuSn8 (2.1030)
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 acc. to DIN 43650
Protection class	IP 65 acc. to DIN VDE 0470 T1 (IEC 529 / EN 60529) only with female socket
Max. pressure	5 bar

General details

Reproducibility 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-tight of 1 g/cm³.

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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