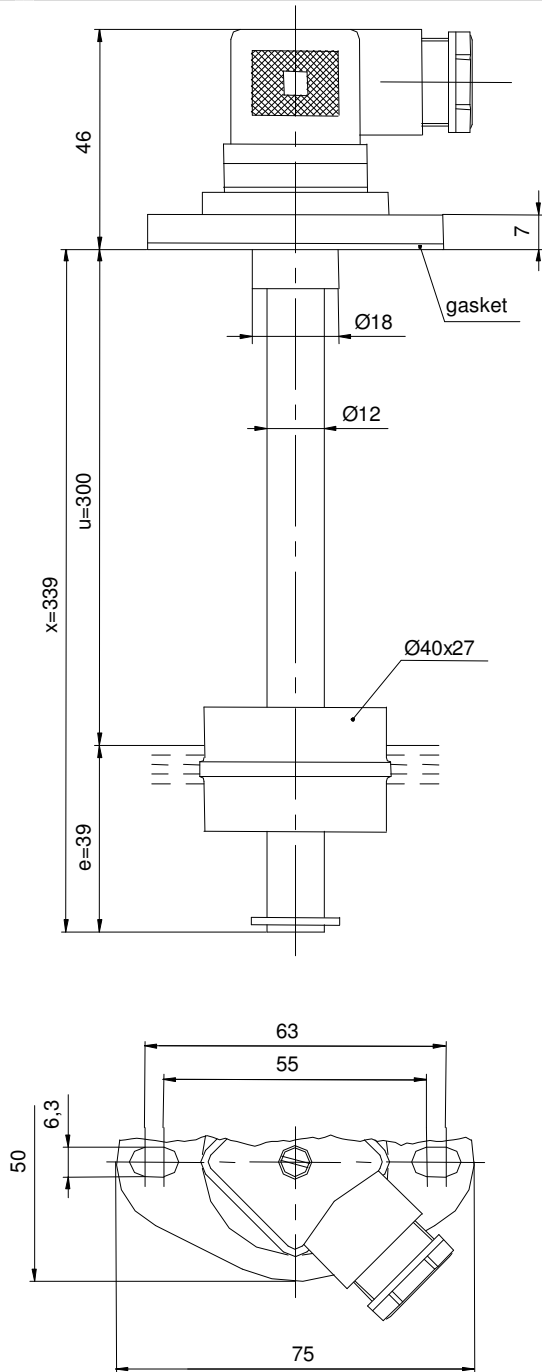


# Technical Data

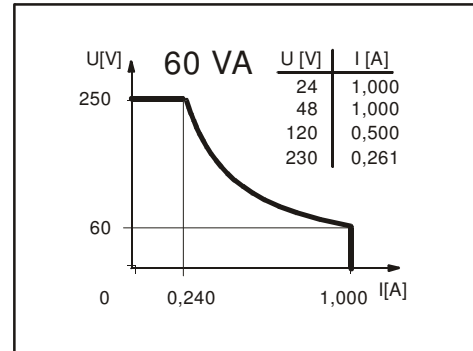
## Magnetic Float Switch

Typ: **MAM-713 LTOS 0339**

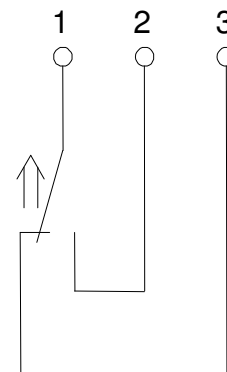
Art.-No.: **6816200052\_01**



### Performance diagram (maximum data)



### Wiring diagram (matching to the drawing)



### Electrical Data (maximum data)

contact:	max. voltage	250 V
	max. switching current	1 A
	max. switching capacity	60 VA
switching function	1 change-over contact, falling level	
direction category	AC-21A and DC-21A	
standard	acc. to DIN VDE 0660 T107	
	(IEC 947-3-1 / EN 60947-3-1)	
	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

flange material	PA6.6
switching tube material	CuZn37 (2.0321)
float material	POM
-density	about 0,7 g/cm <sup>3</sup> ±10%
-immersion depth	18 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
grip screw material	CuSn8 (brass)
gasket material	NBR
temperature range	from -5 °C to +60 °C
fluid temperature	from -5 °C to +60 °C
mech. lifetime	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
mode of connection	Plug in connection acc. to DIN 43650 box
protection class	IP 65 acc. to DIN VDE 0470 T1 (ICE 529 / EN 60529)
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/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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