

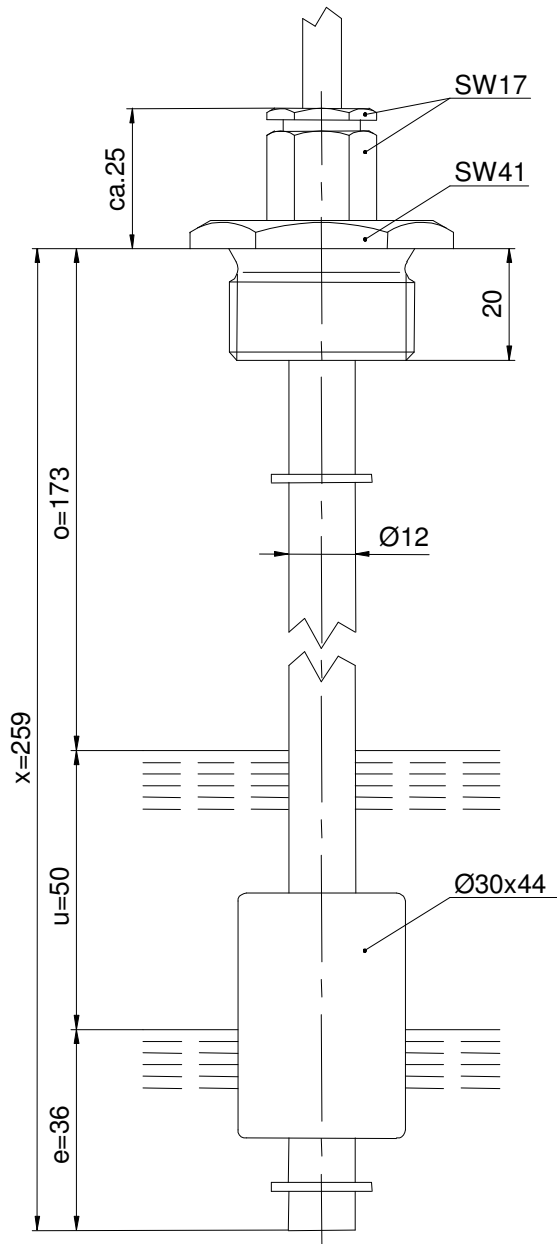
Technical Data

Magnetic Float Switch

Typ: **MAR-723 LXS 0259**

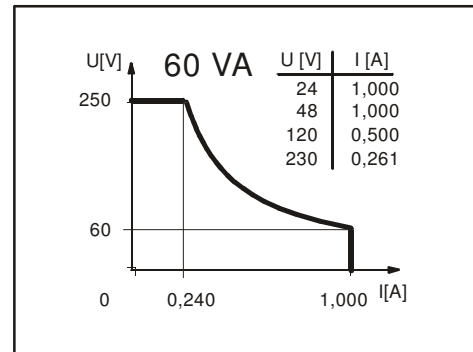
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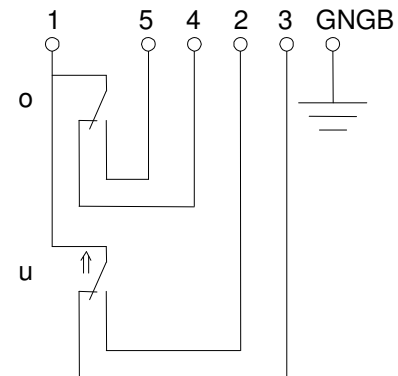
Performance diagram

(maximum data)



Wiring diagramm

(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		2 change-over contact, falling level
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

screw connection material R1"	9 SMnPb 28 (1.0718)
screw connection material Pg9	1.4404
socket material	1.4571
switching tube material	1.4571
float material	NBR
-density	about 0,45 g/cm ³ ±10%
-immersion depth	20 mm ±2 mm (to a fluid-density of 1 g/cm ³)
adjusting ring material	CuSn8
gasket material	NBR
temperature range	from -5 °C to +60 °C
fluid temperature	from -5 °C to +60 °C
mech. lifetime	10 ⁷ to 10 ⁹ switches depending on the load
mode of connection	1m cable, PVC, 6x0,5mm ²
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/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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