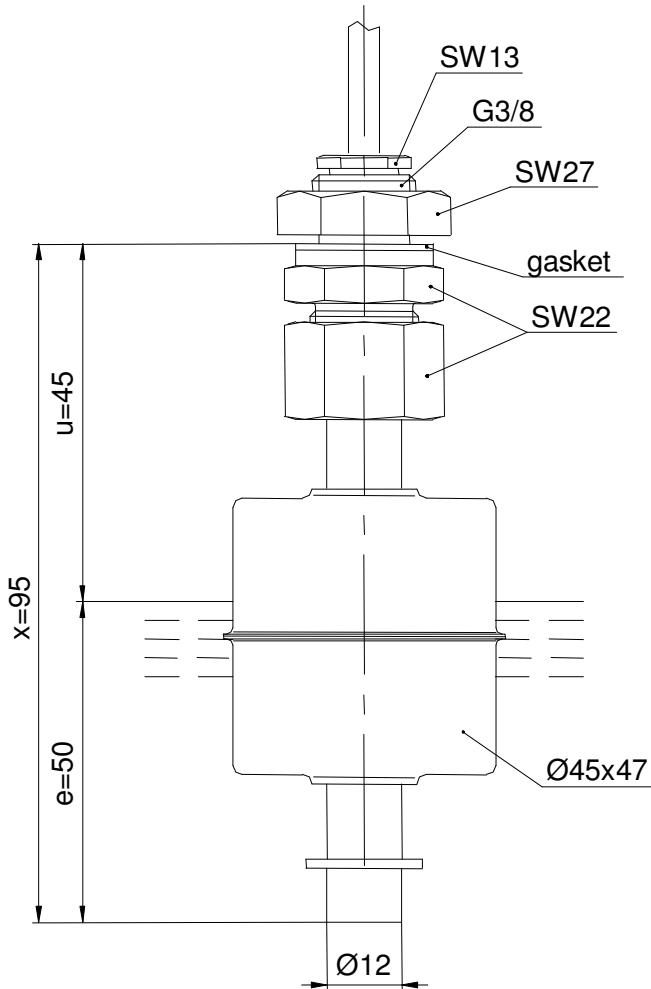


Technical Data

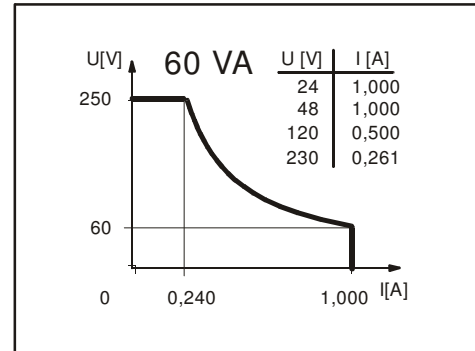
Magnetic Float Switch

Typ: **MAP-713 LAS 0095**

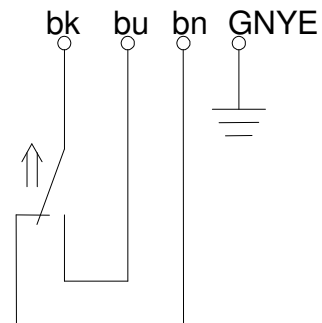
Art.-No.: **6816222008_01**



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		1 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	CuZn35Ni2 (2.0540)
hexagon nut material	CuZn39Pb2
switching tube material	CuZn37 (2.0321)
float material	1.4571
-density	about 0,7 g/cm ³ ±10%
-immersion depth	32 mm ±2 mm (to a fluid-density of 1 g/cm ³)
grip screw 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, 4x0,5mm ²
protection class	IP 65 acc. to DIN VDE 0470 T1 (ICE 529 / EN 60529)
max. pressure	10 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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