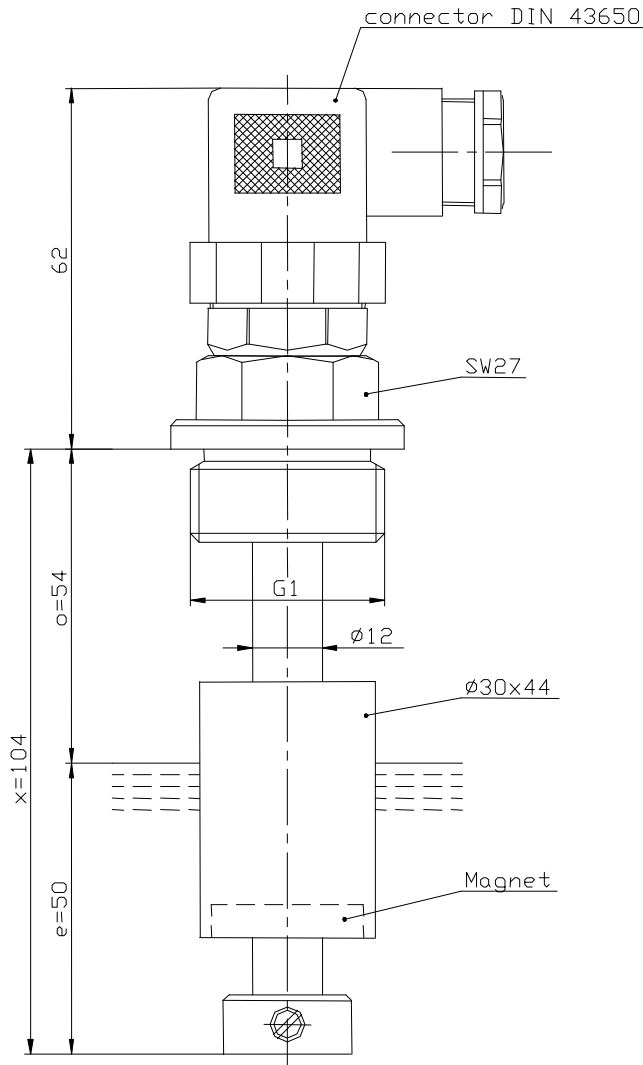


Technical Data

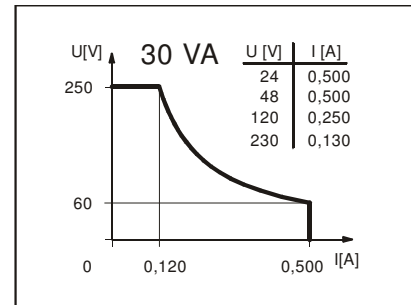
Magnetic Float Switch

Typ: **MAT-713 KYS**

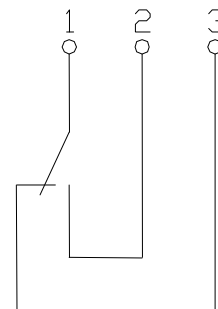
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Performance diagram (maximum data)



Wiring diagram (matching to the drawing)



Electrical Data (maximum data)

contact:	max. voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 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

screw connection material	X 6 CrNiMoTi 17 12 2 (1.4571)
switching tube material	X 6 CrNiMoTi 17 12 2 (1.4571)
float material	PP
- density	about 0.62 g/cm ³ ±10%
- immersion of depth	30 mm ±2 mm (to a fluid-tight of 1 g/cm ³)
material of adjusting ring	X 6 CrNiMoTi 17 12 2 (1.4571)
material of gasket	NBR
range temperature	from -5 °C to +100 °C
mech. life time	10 ⁷ to 10 ⁹ switches depending on the load.
mode of connection	plug-in connection acc. to DIN 43650
protection class	only with female socket IP 65 acc. to DIN VDE 0470 T1 (IEC 529 / EN 60529)
max. pressure	10 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/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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