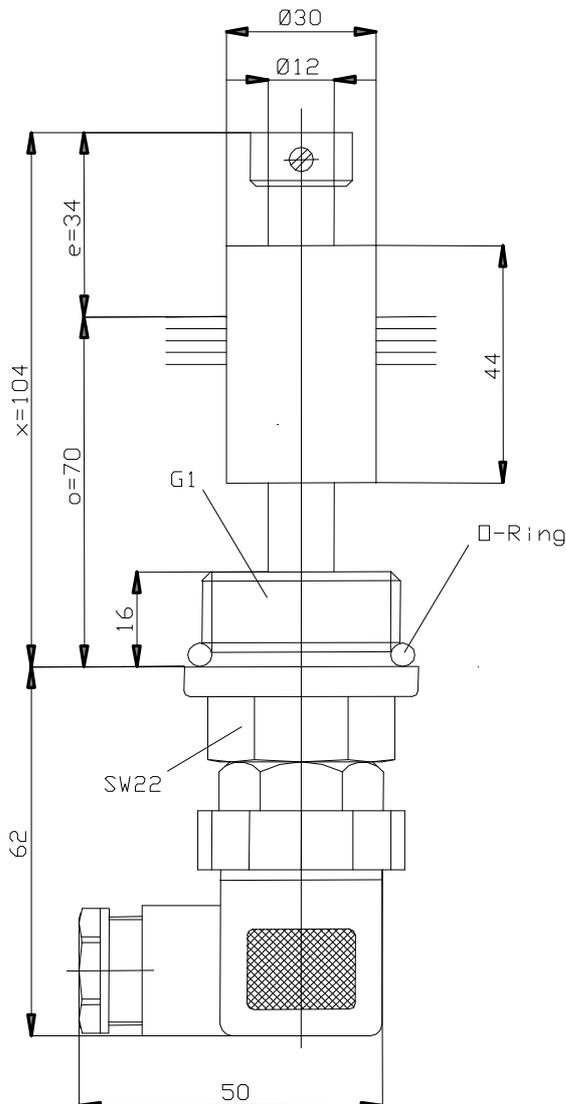


# Technical Data

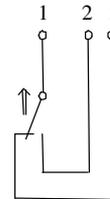
## Magnetic Float Switch

Typ: MAI-713 KYS

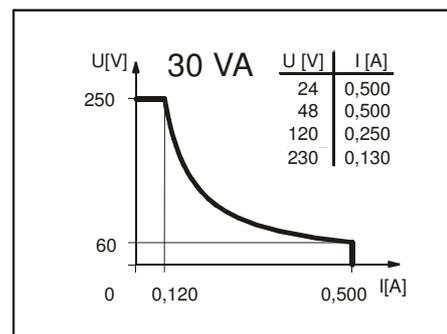
Art.-No.: 681.5370.002



**Wiring diagram**  
(matching to the drawing)



**Performance diagram**  
(maximum data)



### Electrical Data (maximum data)

Contact:	max. voltage	250 V
	max. switching current	0.5 A
	max. switching capacity	30 VA
	mech. lifetime	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching function	1 change-over contact	
Direction category	AC-22A and DC-22A acc. to DIN VDE 0660 T107	
Standard	acc. to DIN VDE 0660 T200	

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Date of issue: 11.03.2004 / Page 1 of 1  
Document : 6815370002\_01\_eng / Last update: 1 / 0000-00

# Technical Data

## Magnetic Float Switch

### Mechanical Data

Material of terminal box	PVC
Material of screw connection	PVC
Material of switching tube	PVC
Material of float	PP
- density	about 0.7 g/cm <sup>3</sup> ±10%
- immersion of depth	30 mm ±2 mm ( to a fluid-tight of 1 g/cm <sup>3</sup> )
Material of adjusting ring	PVC
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 (only with female socket)
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/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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Date of issue: 11.03.2004 / Page 2 of 2  
Document : 6815370002\_01\_eng / Last update: 1 / 0000-00