

# Technical Data

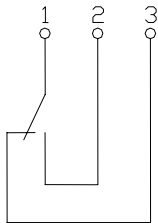
## Float Switch

### Standard float switches

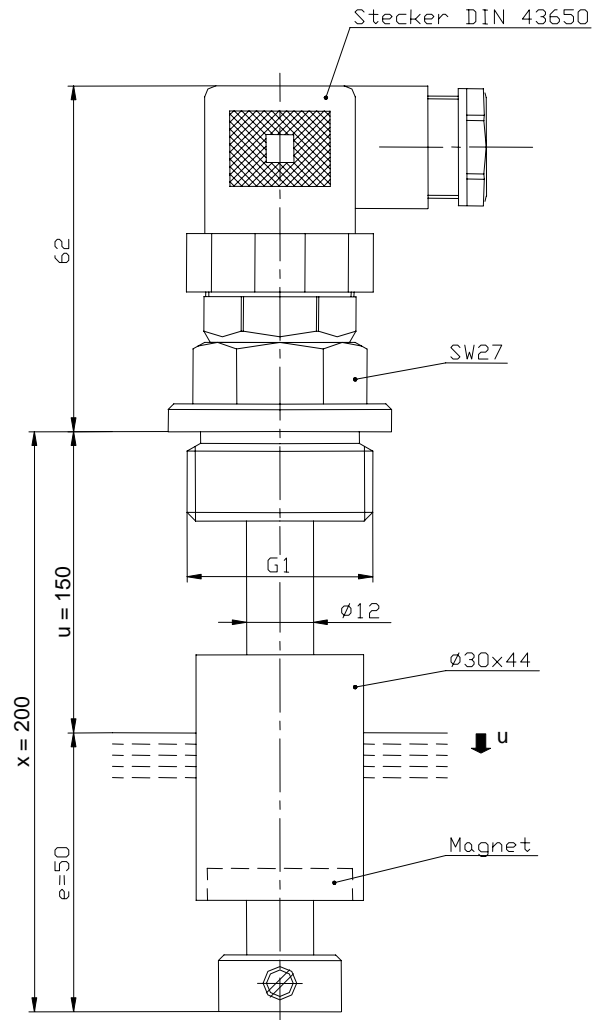
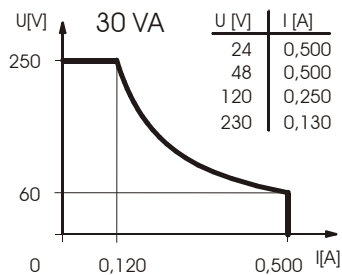
Description **MAT-713 KXS 0200**

Article number **6815110016**

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
switching function	1 change-over contact, falling level	

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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## Float Switch



### Mechanical Data

screw connection material	S235SR (1.0037)
switching tube material	X 6 CrNiMoTi 17 12 2 (1.4571)
float material	PP
- density	about 0.62 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	X 6 CrNiMoTi 17 12 2 (1.4571)
material of gasket	NBR
range temperature	from -5 °C to +60 °C
mech. life time	10 <sup>7</sup> to 10 <sup>9</sup> 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 ±0,10 mm 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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