

Technical Data

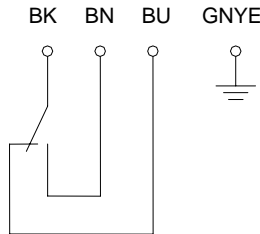
Float Switch

Standard float switches

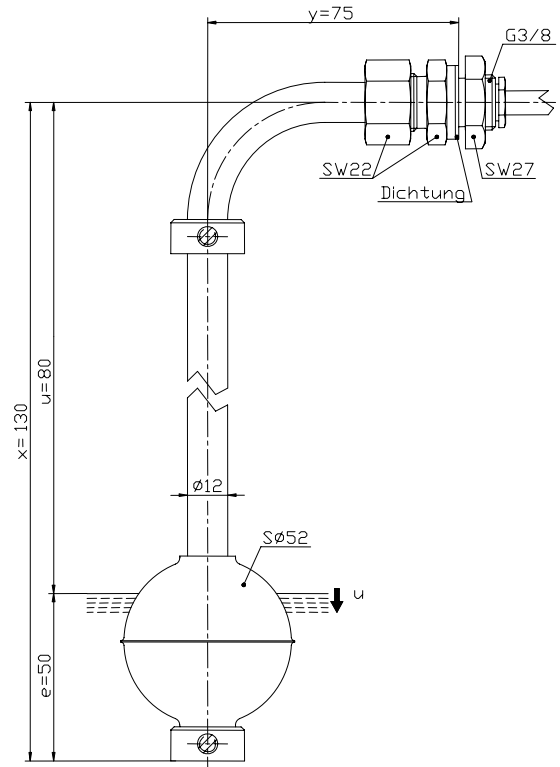
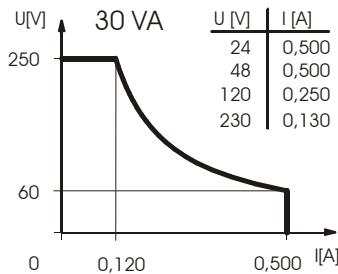
Description **MAE-713 KCS 0130**

Article number **6815192003**

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	

Mechanical Data

Screw connection material Pg7	X8CrNiS18-9 (1.4305)
Screw connection material G3/8	X6CrNiMoTi17-12-2 (1.4571)
Hexagon nut material	X8CrNiS18-9 (1.4305)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
-density	about 0,65 g/cm ³ ±10%
-depth of immersion	32 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	NBR
Ambient air temperature	-5 °C ... +125°C
Liquid temperature	-5 °C ... +125°C
mech. life time	10 ⁷ to 10 ⁹ switches depending on the load.
mode of connection	cable 4 x 0,75 mm ² x 1,425 m ± 5 %, Outer jacket SIL
protection class	IP 65 acc. to IEC 529/ EN 60529
max. pressure	5 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/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!

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.

Date of issue: 12.07.2010 / Page 1 of 1
Document: 6815192003_en.doc / Last update: 1 / 0464-09