

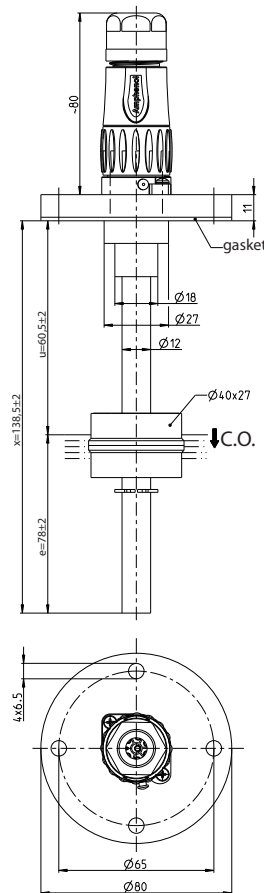
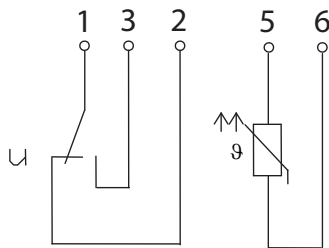
Float switch

Series Standard-Float switch

Description **MAM-713 KTT 0140**

Article number **6815200052**

Wiring diagram (non-actuated state)



Electrical data	
Rated voltage	U_r 36 V
max. switching current	0,5 A
max. switching capacity	30 VA
Rated insulation voltage	U_i 50 V AC
Rated impulse withstand voltage	U_{imp} 500 V AC
Overvoltage category	II
Switching element	1 C.O., falling level PTC-Temperature sensor KTY81-210

Mechanical data	
Flange material	POM
Switching tube material	CuZn37 (CW508L)
Float material	POM
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	18 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Grip screw material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Circular plug-in connector Ampheol Serie eco/mate [™] ; Strain relief with clamping cage for cable diameter 6-12,5 mm
Protection type	IP 65 acc to IEC529 / EN 60529 (only in fully locked position with it's plugs)
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

General details

The measures of the switching points refer to a fluid-density of 1 g/cm³.
 The tolerance of the switching points is ±2 mm
 Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!
 For measurements with resistance thermometers constructive or y measurement-related influences can affect the measuring result!

