

Float switch

Series Miniature-Float switch

Description **MSK4-MS-R1,0-2O 0130**

Article number **6891249005**

Wiring diagram
(non-actuated state)

Performance diagram

U [V]	I [A]
24	0,41
36	0,27

Electrical data		
Rated voltage	U_r	36 V
max. switching current		0,5 A
max. switching capacity		10 VA
Rated insulation voltage	U_i	50 V AC
Rated impulse withstand voltage	U_{imp}	500 V AC
Overvoltage category		II
mechanical life		10^7 to 10^9 switches depending on the load
Switching element		1 N.C., rising level 1 N.C., falling level

Mechanical data	
Bolting material	CuZn39Pb3 (CW614N)
Switching tube material	CuZn37 (CW508L)
Float material	NBR
- density	about 0,6 g/cm ³ ±10 %
- depth of immersion	16 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 +80 °C
Liquid temperature	-5 °C to +80 °C
Connection	M12x1 connector, 4 pole, A-coded
Protection type	IP 65 acc to IEC529 / EN 60529 (only in fully locked position with it's plugs)
Max. pressure	25 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!

