

# Technical Data

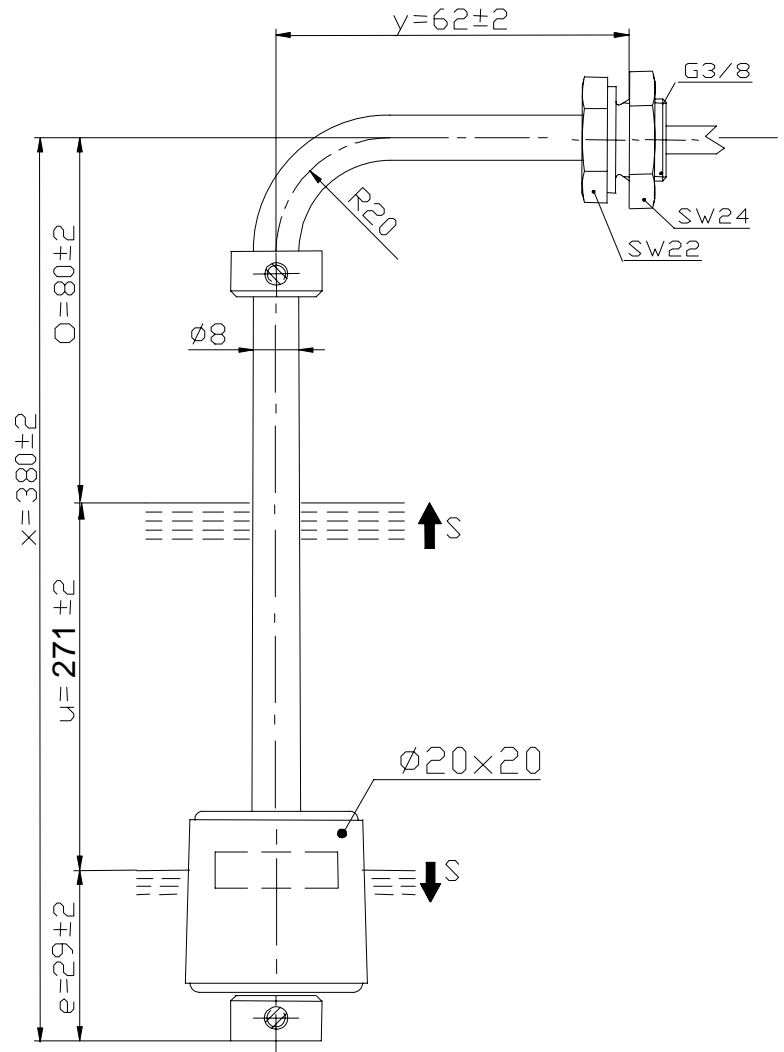
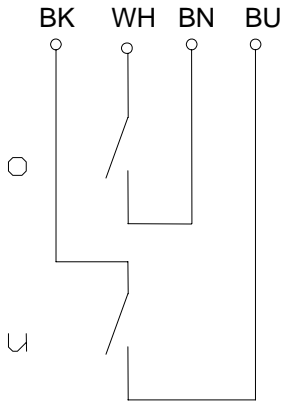
## Float Switch

### Mini-level float switches

Description **MSK3-NI-WR3/8-2S 0380**

Article number **6891133006**

Wiring diagramme  
(none activated condition)



### Electrical data

Operational voltage range	$U_B$	10 – 36 V DC
max. switching current		0,5 A
max. switching capacity		10 VA
mechanical life		$10^7$ to $10^9$ switches depending on the load
Switching element		o= NO, rising level u= NO, falling level
Protection class		III

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## Float Switch



### Mechanical data

Hexagon nut material	X6CrNiMoTi17-12-2 (1.4571)
Screw connection material	X10CrNiS18-9 (1.4305)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	NBR
-density	about 0,75 g/cm <sup>3</sup> ±10%
-depth of immersion	15 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Ambient air temperature	-5°C to +80°C
Liquid temperature	-5°C to +80°C
Connection	Cable 4 x 0,34 mm <sup>2</sup> x 2 m ± 5 % PVC – Outer jacket, black
Protection type	IP 65 acc to DIN VDE 0470 T1
Max. pressure	5 bar

### General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.

The measures of the switching points refer to a fluid-density of 1 g/cm<sup>3</sup>.

The tolerance of the switching points is ±2mm

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

Use only with safe voltage sources.

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