

Capacitive liquid level sensor



Sensor type

The MKC-M8 is a universally applicable sensor for measurement of different kinds of fluid or pastes.

The sensor has a specially formed tip for optimized drip off liquids. It is an optimal replacement for mechanical switches and guarantees optimum process reliability.

Output type

NPN or PNP

Normally Open or Normally Closed (NO/NC)

'ready to use'

Preset for distilled Water.

Threshold settings for other liquids could be adjusted.

Cabeling

2m open-end cable with sleeves

06.2020

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If you require additional support
please contact us at

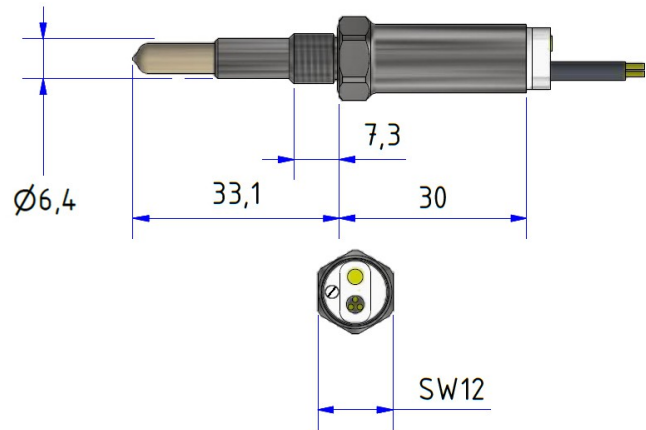
www.mkc-gmbh.de

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Technical data

- Switching distance touch
- Hysteresis 0,1 .. 1,5mm
- Supply Voltage 12 ... 30V DC
- Ripple $\leq 10\%$
- Current consumption $\leq 10\text{mA}$
- Load current max. 50mA
- Voltage drop max. 1,5V
- Max. switching frequency 100Hz
- Reverse voltage protection
- Thermal overload protection
- Ambient temperature 0 ... 60°C
- Storage temperature -40 ... 85°C
- Display yellow LED
- IP65



Mechanical data

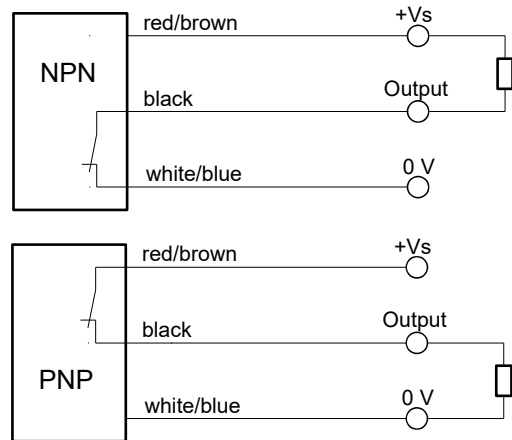
- Steel case VA
- Sensitiv area PEEK (Polyetheretherketon)
- Thread M8
- 3-wire cable (LIYY 3 x 0,14qmm grey)
- yellow LED display

Long-term availability

- 5 years minimum
- Due to our own development and production departments at the location Wuppertal we can guarantee compatible succeeding models even beyond this period.

Custom Applications

- The cable can be assembled custom configurations like cable-type, length or connector.
- Preset of the switching threshold can be performed



The symbols show the NC Configuration, on touching the medium the contact opens.

The LED displays the state of the contact. If it is closed the LED lights up.



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