

# Ring-Sensors

Capacitive ring-sensors from XECRO are ideal to detect liquids or other high conductive material in tubes. They're ideal for level sensing applications based on the principle of communicating pipes.

Note: since the capacitive sensing principle does not support high switching frequencies, these capacitive ring sensors are only suitable for objects which remain static inside the inner ring. Furthermore the circular design of the sensing electrode requires highly conductive material to function. Therefore wooden plugs or lime balls are no suitable targets.

## Features

- Different Ring-Diameters
- Sensitivity adjustment
- Polarity reversal and short-circuit protected
- LED status indication

## Common Specifications

Operating Voltage	10 ... 30 VDC
Reverse Polarity Protection	Built-in
Output Load Capability	200 mA
Short Circuit Protection	Built-in, self-resetting
Voltage Drop	1.5 V @ 200 mA
Operating Temperature	-20 ... 70°C   -4 ... 158 °F
Protection Class	IP67
Switching Indicator	Integrated, yellow
Sensing Face Material	PBT
Ring Material	PA6.6-GF30

