
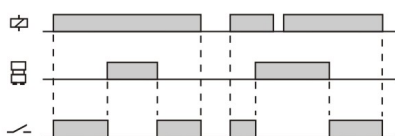
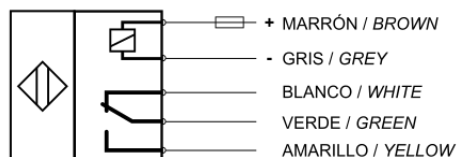


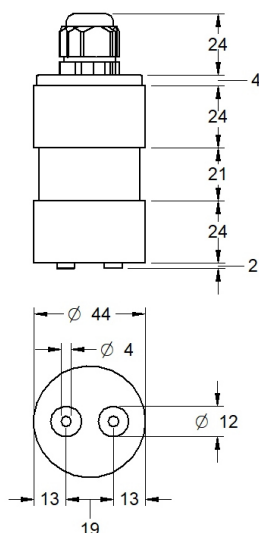
	Description	<p>The NPR sensor is a level detector for conductive liquids with output by relay, easy to install by means of a clamp.</p> <p>It is used as a flood detector in basements, offices, garages, laundries, service galleries, etc.</p> <p>Its compact and robust design allows its complete immersion (IP68) being used for level detection in clean water or other liquids with the resistivity of the appropriate medium.</p>
	Working mode	<p>When the supply voltage is connected, if the sensor does not detect the presence of liquid, the relay activates and remains in this state until the supply voltage is interrupted or until both electrodes are in contact with the liquid simultaneously, detecting a possible flood.</p>
Technical data		
	Working range	Detection: 50 Kohm · Release: 100 Kohm
	Power supply	[724] : 18 .. 28 VDC - Without galvanic isolation [624] : 18 .. 28 VDC - With galvanic isolation
	Consumption	< 20 mA
	Delay	Power ON: 250 ms Detection / Release: 1 s
	Reset	300 ms (in the worst case)
	Temperature	Operation: -5 .. + 70°C / Ambient: -10 .. + 80°C
	Weight	110 g, without cable
	Protection degree	IP68 (IEC60529)
Output signal		
	Type	Relay contact, potential free. SPDT.
	Current/Voltage maximum	6A / 250 VAC
Materials in contact with medium		
	Main body	PP, grey
	Cable gland	PA (polyamide)
	Electrodes	Stainless steel AIS316 (1.4401)
	Cable	PVC
	Brace	PVC hard
Cable		
	Conductors	5 x 0,5 mm², with shield.
	External cover	PVC, grey, Ø6,7 mm
	Operating temperature	-5 .. +70°C
	Length	5, 10, 15 meters. Other lengths on demand.
	Handling	Special attention must be paid to the handling of the cable in order to avoid that during its installation any cut or tear of the outer cover can be made.
Installation		
	Site	<p>Place the sensor at the lowest possible level by preventing the electrodes are in contact with the ground. A distance of between 1 or 2 cm is usually enough.</p> <p>Care must be taken that the electrodes are protected from undesired physical effects that could damage them or cause false signals.</p>
	Electrical safety	 The sensor is protected against polarity changes in the supply voltage.
	Normative	CE (63/68/EEC) · RoHS (2002/95/CE)

Operativity

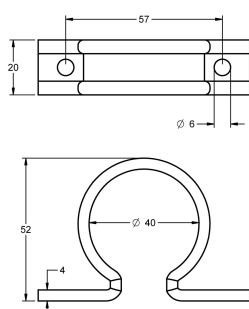
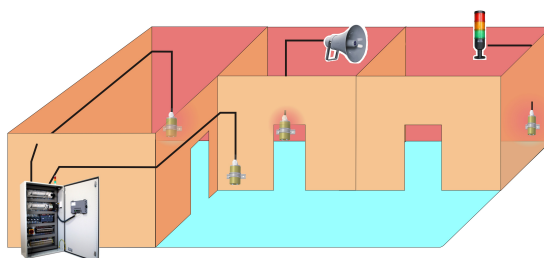
Working mode


Electrical wiring

Dimensions

Main body



Brace


Example of installation


You can activate signaling or alarm elements directly as well as send the signal to control centers.