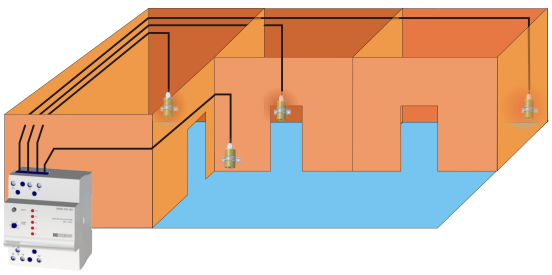
NPS

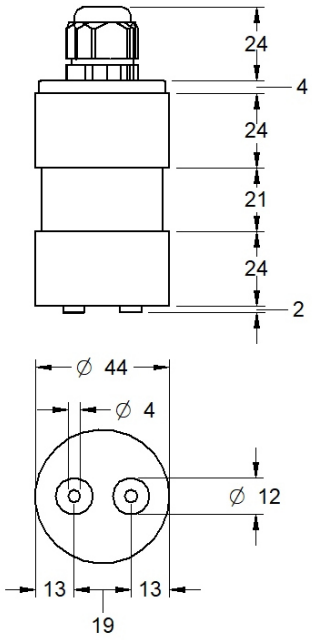
FLOOD DETECTOR

Description	The NPS sensor is a level detector for conductive liquids that can be easily installed using a clamp. It is used as a flood detector in basements, offices, garages, laundries, service galleries, etc. 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.
Working mode	It must be connected to a conductive level relay. When the liquid to be controlled is in contact with the two electrodes simultaneously, the resistive circuit closes and the level relay acts accordingly.
Technical data	
Temperature	Operation: -5 .. + 70ºC / Ambient: -10 .. + 80ºC
Weight	110 g, without cable
Protection degree	IP68 (IEC60529)
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	2 x 0,5 mm²
External cover	PVC, grey, Ø6,7 mm
Operating temperature	-5 .. +70ºC
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	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. Care must be taken that the electrodes are protected from undesired physical effects that could damage them or cause false signals.
Normative	CE (63/68/EEC) · RoHS (2002/95/CE)

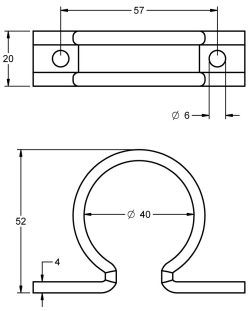


Dimensions

Main body



Brace



Level control relays

SNNA

- Control of 5 independent level points
- Alarm through a single relay
- Visualization by LED column
- Manual reset
- Sensitivity: 10..100 Kohms

SNNY

- Control of 5 independent level points
- Without output relay
- Visualization by LED column
- Sensitivity: 10..100 Kohms

Other models

The sensor can be connected to any other type of conductive relay.
Disibeint is not responsible for the electrical behavior of these sensors if level relays from other manufacturers are used.