GENERAL CHARACTERISTICS

CE

This flooding detector allows an extremely precise control of the level of liquid. The system is based on measurement of the conductivity of the liquid to be detected and works with low potential and with alternating currents, in order to avoid the incrustation of the electrodes normally caused by the use of direct currents, which cause a galvanic action on materials.
The contact of the electrodes with the liquid under control determines the actuation of a relay inside the control unit, with which you can drive alarms or drain pumps.

- AISI 316 stainless steel electrodes.
- Degree of protection IP65.
- Wall mounting.

TECHNICAL DATA   Tab.1

Description	Features		Code	Options	Code
Power supply	24 / 230 Vac +10% 50/60 Hz		**24-230V**	110 Vac	**110V**
Power consumption	5 VA		**-**	**-**	**-**
Power supply to probes	22 Vac				
Electrodes	N. 2 x L=20 mm	AISI 316	**0020**	Length L	**. . . .**
Sensitivity	10 –60 µS	Factory set 20 µS	**10-60MS**	1-10 µS	**1-10MS**
Sensitivity adjustment	Internal trimmer		**-**		
Output relay	SPDT 250Vac 6A				
Operating temperature	-20 ÷ +50 °C				
Housing	110 x 110 x 65 mm	ABS			
Degree of protection	IP65		**IP65**		
Mounting	Wall mounting		**-**		
Electrical connection	10 poles terminal board				
Cables input	PG7				

WIRING

Terminal		
1	Input signal	Electrode
2		
3	Input signal	Electrode
4		
5		N.O.
6	Output relay	Common
7		N.C.
8		230
9	Power supply	24 Vac
10		0

DIMENSIONS - mm.
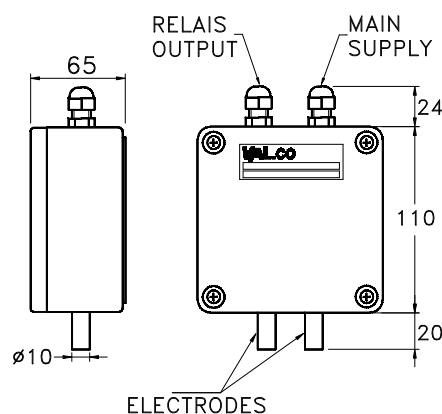
CONTROL AND ADJUSTMENT

Control:
Open the case, remove the leads from the terminals of the electrodes (terminals 1 and 3).
Short circuit terminals 1 and 3 of the terminal board, in these conditions, the relay must switch on and led has to light.

Sensitivity adjustment:
The unit is supplied with a factory setting of 20 µS.
Submerge the electrodes in the liquid to be tested, turn the trimmer on the PCB to obtain the switching of the relay.

NOMENCLATURE

SLA	10-60MS	0020	IP65	24-230V		
●						Flooding detector
	●				Tab.1	Sensitivity
		●			Tab.1	Electrodes length (mm).
			●		Tab.1	Degree of protection
				●	Tab.1	Power supply

We reserve the right to change the data without notice

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