

SNNY



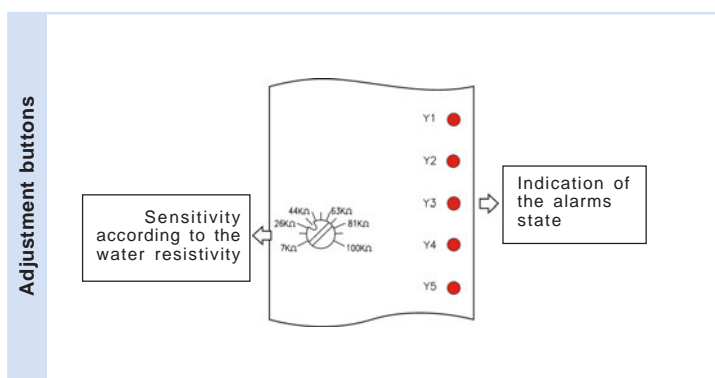
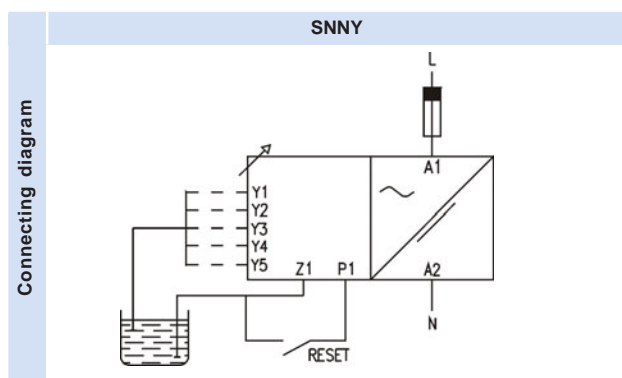
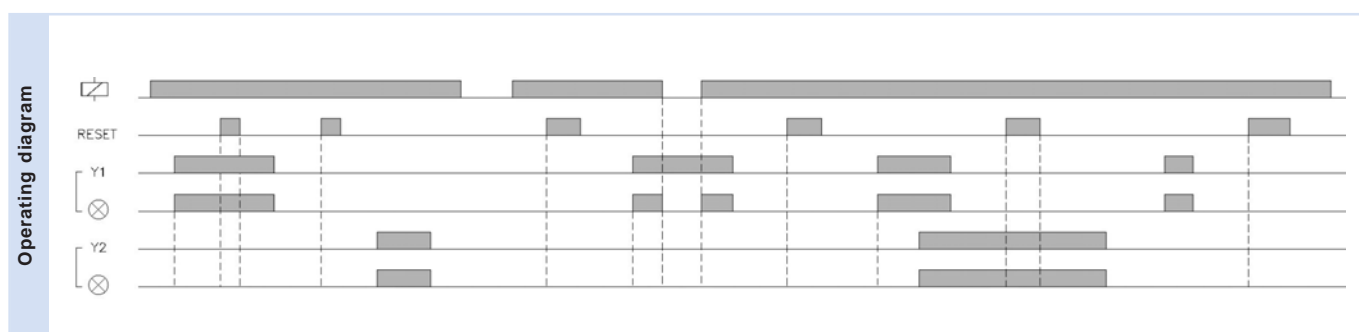
INDICATION OF 5 INDEPENDENT LEVEL POINTS

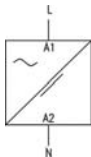


Application field	Visualization of the level state in places able to get floods such as cellars, offices, service rooms, etc. Up to 5 control points.
Operating principle	Each led is related with one electrode (Y1..Y5). When the liquid reaches the electrodes the led related to the activated channel turns on. If while the liquid is in contact with whichever electrode the reset push-button is pressed the led turns off, and turns again when the reset push-button is relieved. If while the liquid is in contact with whichever electrode the supply voltage gets off, all the lighting leds turn off and they will turn on again when the supply voltage gets on.
Sensitivity	Adjustable from 10..100K Ω
Voltage in probes	$V_{PEAK} = 6$ VCA 85Hz (in shortcircuit)
Current in probes	0,155mA (in shortcircuit)
Probes connection cables	Usually 1..2,5 mm ² section cables are used, with good insulation and without shielding. In some installations (when the supply and probe lines are parallel in the same tube and with long distances) shielded cable is recommended. The resistance between cables and ground must be at least 200K Ω . The screen is connected to terminal Z1, which is the one corresponding to earth. If the tank is not conductive, an additional probe must be fitted for connecting the ground, terminal Z1.
Probes cable length	< 100 m
Reset	Both built-in and remote (Z1-P1)

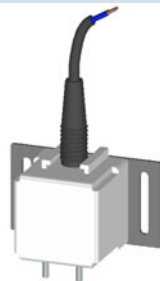
Reference	HOUSING		FUNCTION		OUTPUT		SUPPLY		RANGE	
	S	Flush mounting	NN	Visualization of 5 level points	Y	No relays	U24	24 VAC/VDC	100	10..100K Ω
							724	24 VDC		
							024	24 VAC		
							110	110..125 VAC		
							230	220..230 VAC		
							400	380..415 VAC		

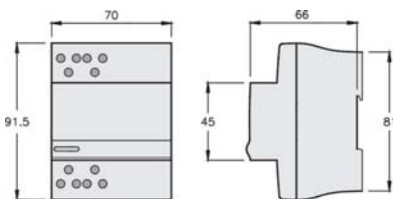
To compose the reference, select one option of each column. Example **SNNY 230 100**



Supply		AC SNNY 
	Galvanic isolation	Yes
	Frequency	50 / 60 Hz
	Operating margins	±10..-15%
	Positive	-
	Protected polarity	-

Constructive and anviromental data		SNNY
	Voltage phase-neutral	300 V
	Overvoltage category	III
	Rated impulse voltage	4 kV
	Pollution degree	2
	Protection	IP 20
	Approximate weight	270 g
	Storage temperature	-50..+85°C
	Operating temperature	-20..+50°C
	Humidity	30..85% HR
	Housing	Cycoloy - Light grey
	Socket	-
	Visor leds	Lexan - Transparent
	Button, terminal block, clip	Technyl - Dark blue
	Pins of the socket	-
	Pins of the terminal block	Brass
	Approvals	Designed and manufactured under EEC standards. Electromagnetic compatibility , directives 89/366/EEC and 92/31/EEC. Electric safety, directive 73/23/EEC. Plastics: UL 91 V0

Accessories	NP
	<ul style="list-style-type: none"> Detection sensor of flooding in cellars, offices, service rooms, etc. Electrodes to 20 mm. in SS AISI316 Supplied with PVC cable to 5 meters. Easy installation. 

Dimensions	SNNY
	

Rev. 01/00 - 30/03/11 - DISIBEINT reserves the right to modify the specifications stated in this document without previous notice