

FEATURES

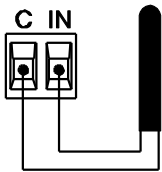
- Temperature probe with 0.5°C accuracy (@25°C).
- Conformity with CE directives.

GENERAL SPECIFICATIONS	
CONCEPT	DESCRIPTION
Operation temperature	from -40°C to +105°C
Storage temperature	from -40°C to +105°C
Operation humidity	5 to 95% RH
Storage humidity	5 to 95% RH
Weight	5g
NTC Probe Diameter	3mm
Housing	Epoxy Resin
Thermistor value (@25°C)	10kΩ
Accuracy (@25°C)	0.5°C
Cable cross-section	1mm ² (IEC) / 16AWG (UL)
NTC Probe length	1m (up to 30m)



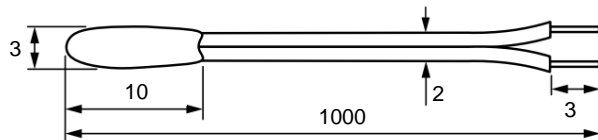
Figure 1: 9900015

INPUT CONNECTION



9900015 can be wired to any input of Zennio products that allow temperature probe using the parameters included in this technical documentation.

DIMENSIONS (mm)



PARAMETERS OF 9900015 NTC PROBE			
TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°C)	RESISTANCE (Ω)
-40.0	190953	35.0	6941.1
-35.0	145953	40.0	5824.9
-30.0	112440	45.0	4910.6
-25.0	87285	50.0	4158.3
-20.0	68260	55.0	3536.2
-15.0	53762	60.0	3019.7
-10.0	42636	65.0	2588.8
-5.0	34038	70.0	2228.0
0.0	27348	75.0	1924.6
5.0	22108	80.0	1668.4
10.0	17979	85.0	1451.3
15.0	14706	90.0	1266.7
20.0	12094	95.0	1109.2
25.0	10000	100.0	974.26
30.0	8310.8	105.0	858.33

⚠ INSTALLATION ADVICES

In order to ensure the best measurement results, keep away from the next external influences:

- Direct sunlight.
- Drafts from windows, doors or ducts.
- Warm or cold structures due to, for example, sunlight, heating or cold water pipes.



The WEEE logo means that this device contains electronic parts and it must be discarded properly following the instructions of <http://zennio.com/wEEE-regulation>