

FEATURES

- Pipe nipple with temperature sensor.
- Temperature probe with 0.5°C accuracy (@25°C).
- Conformity with the CE directives.

1. G3/4" thread 2. Threaded hole for temperature probe 3. Temperature probe

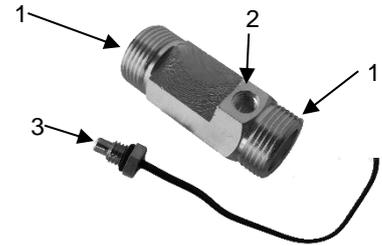
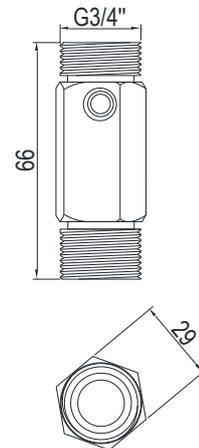


Figure 1. Pipe nipple with temperature probe

GENERAL SPECIFICATIONS

CONCEPT	DESCRIPTION
Operation temperature	-20°C to +80°C
Storage temperature	-25°C to +80°C
Operation humidity	35% to 95% RH
Storage humidity	25% to 95% RH
Fluid pressure	Up to 17.5bar (1.75MPa)
Installation	In pipe in horizontal or vertical position
Weight	170g
Housing material	Brass

DIMENSIONS (mm)



TEMPERATURE SENSOR SPECIFICATIONS AND CONNECTIONS

CONCEPT	DESCRIPTION
Operation temperature	from -50°C to +80°C
Storage temperature	from -50°C to +80°C
Operation humidity	35 to 95% RH
Storage humidity	25 to 95% RH
Weight	8g
NTC Probe Diameter	M8x1.25
Housing	Epoxy resin and steel
Thermistor value (@25°C)	10kΩ
Accuracy (@25°C)	0.5°C
Cable cross-section	0.14mm ² (IEC) / 26AWG (UL)
Cable length	0.5m (up to 30m)

The temperature probe can be wired to any Zennio device input that allows being configured as a Zennio Water Probe or as a custom NTC (water) probe.

TEMPERATURE PROBE PARAMETERS

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°C)	RESISTANCE (Ω)
-50.0	366410	20.0	12098
-45.0	270709	25.0	10000
-40.0	202269	30.0	8309
-35.0	152746	35.0	6940
-30.0	116508	40.0	5825
-25.0	89710	45.0	4911
-20.0	69693	50.0	4160
-15.0	54599	55.0	3539
-10.0	43117	60.0	3023
-5.0	34307	65.0	2541
0.0	27493	70.0	2209
5.0	22183	75.0	1901
10.0	18015	80.0	1652
15.0	14720		

SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- It must not be hit.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at <http://zennio.com/wEEE-regulation>.