

STA

High Temperature Probe with NTC 10 K B3977 sensor

Description

The STA probe is a temperature probe to measure the water temperature of solar circuits.. The sensing element is an NTC thermistor, 10K@25°C with beta 3970 inserted in a stainless steel pipe. The supplied teflon cable is 2 meters long. It is compatible for installation with the REG system on analogue input (REG-DIN-8, REG-EXP-8, REG-IOA, REG-IOB, REG-IOC).

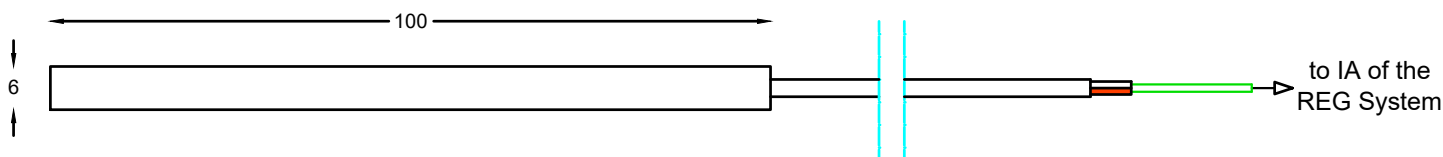
Main features

| | | | |
|-------------------------------------|--------------|----------------------------|--------------|
| Installation | well | Temperature of use | -30...+125°C |
| Dimensions (WxHxD) excluding straps | 100 / 6 | Storage and usage humidity | 10...90% HR |
| Storage temperature | -40...+150°C | Protection class IP | IP66 |

A 10k / B3977

| °C | ohm | °C | ohm | °C | ohm | °C | ohm | °C | ohm | °C | ohm |
|-----|-------|----|-------|----|-------|----|-------|----|------|----|------|
| -19 | 99680 | -7 | 49381 | 5 | 25989 | 17 | 14423 | 29 | 8387 | 41 | 5083 |
| -17 | 88264 | -5 | 44195 | 7 | 23478 | 19 | 13137 | 31 | 7695 | 43 | 4694 |
| -15 | 78303 | -3 | 39618 | 9 | 21239 | 21 | 11980 | 33 | 7067 | 45 | 4338 |
| -13 | 69594 | -1 | 35572 | 11 | 19241 | 23 | 10939 | 35 | 6498 | 47 | 4013 |
| -11 | 61965 | 1 | 31990 | 13 | 17455 | 25 | 10000 | 37 | 5981 | 49 | 3717 |
| -9 | 55269 | 3 | 28812 | 15 | 15857 | 27 | 9153 | 39 | 5511 | 51 | 3445 |

STA - Dimensions (mm) and electrical connection



Terms of Use

For safety reasons, the probe must be installed and used in accordance with the manufacturer's instructions. Have all installation and maintenance work carried out by qualified personnel.

Safety and maintenance information

If the probe is damaged when the box is opened or if liquid substances have penetrated inside, have it checked by an authorized service centre. Report any faults and/or anomalies immediately. Before carrying out installation, maintenance and repair work on the system, remember to switch off the power supply. Responsibility for installation, maintenance and repair work is borne by the person or organisation carrying out the work. The manufacturer of the system on which the probe is installed is responsible for arranging the system parts adequately to avoid any possibility of the operator coming into contact with live utilities. It is the task of the manufacturer of the system on which the probe is installed: to assess the risks and potential dangerous situations, preparing any devices for the safety of the operator. All modifications and/or tampering of a hardware and/or software nature carried out on the probe shall void any responsibility of the manufacturer regarding the conformity "CE".

We decline all responsibility in the event that:

- the above-mentioned rules are not complied with;
- anomalies or damage to persons and / or things due to improper use of the product occur;
- anomalies or damage to persons and / or things occur due to improper use of the information contained in the manual;
- anomalies or damage to persons and / or things occur due to non-compliance with the rules and instructions indicated in this documentation.

Disposal regulations



Disposal of electrical and electronic products at the end of the cycle of use

The symbol of the crossed-out bin above indicates that the product at the end of its useful life must be collected separately. Do not dispose of the device in household waste bins. Check local regulations for further information on product disposal.