

TP-PT100-Sxx

Passive ambient temperature probes (flush-mounted) with PT100 sensor

Description

The TP-PT100-Sxx probes are passive ambient temperature probes that can be supplied for installation with a design coordinated with the main flush-mounted civil series (BTicino, Vimar, Gewiss, ABB etc.). The sensing element is a PT100 thermistor, 100@0°C, with 2-pole terminal. They occupy one position inside the box. Not compatible with the REG system.

Main features

Installation	box (503)	Temperature of use	-20...+55°C
Box modules	1	Storage and usage humidity	10...90% HR
Dimensions (WxHxD)	depends on series	Protection class IP	IP00
Storage temperature	-40...+85°C	Safety class	A

PT100

°C	ohm	°C	ohm	°C	ohm	°C	ohm	°C	ohm	°C	ohm
-28	89,1	-14	94,5	0	100,0	14	105,5	28	110,9	42	116,3
-26	89,7	-12	95,3	2	100,8	16	106,2	30	111,7	44	117,1
-24	90,6	-10	96,1	4	101,6	18	106,9	32	112,5	46	117,8
-22	91,4	-8	96,9	6	102,3	20	107,8	34	113,3	48	118,6
-20	92,2	-6	97,7	8	103,1	22	108,6	36	114,0	50	119,4
-18	93,0	-4	98,4	10	103,9	24	109,4	38	114,8	52	120,1
-16	93,8	-2	99,2	12	104,7	26	110,1	40	115,5	54	120,9

Terms of Use

For safety reasons, the probe must be installed and used in accordance with the manufacturer's instructions. The probe must be adequately protected from water and dust. 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 in charge on the person or organisation carrying out the work. The manufacturer of the system in 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 evaluate 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

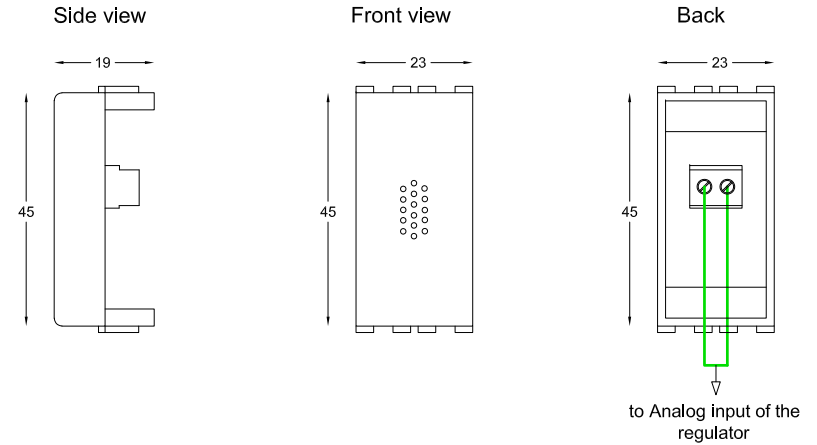


Disposal of electrical and electronic products at the end of the cycle of use

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 the device in household waste bins. Check local regulations for further information on product disposal.

Passive ambient temperature probes (flush-mounted) with PT100 sensor

TP-PT100-Sxx (generic series) - Dimensions (mm) and Electrical connection



TP-PT100-S77 / TP-PT100-S78 / TP-PT100-S79 (BTicino Living Now series)

Dimensions (mm) and Electrical connection

