

I termostati "XT5V" permettono la commutazione di due interruttori elettronici al raggiungimento di due differenti valori di temperatura impostabili a piacimento tramite i pulsanti di regolazione posti sul display.

I valori di temperatura misurati variano da 0 a 100°C. Disponibile anche una versione con prolunga di intercettazione del fluido

Caratteristiche Tecniche

Corpo : in ottone

Parti di ricambio: vedere pagina dedicata

Parti a contatto fluido : in ottone con guarnizione ISO incorporata

Montaggio: in ogni posizione

Temperature di lavoro: da - 20°C a + 120°C

Precisione di intervento: < ± 2% F.S ± 1 digit (a 20°C)

Valore di isteresi: regolabile manualmente tra il 2% e il 45% del valore impostato, oppure regolata automaticamente a circa il 3% del fondo scala

Deriva termica dello zero : < 3% del fondo scala da 0 °C a + 70 °C

Peso: 0,1 Kg

Vita meccanica: 2x10⁶ cicli a 20°C

Caratteristiche elettriche:

- Tensione alimentazione standard: 12-24 VDC
- Connessione elettrica : DIN 43650
- Protezione elettrica CEI EN 60529: IP 65
- Temperatura stoccaggio: da -25°C a +90°C
- Impedenza di ingresso: 100 Ohm

Garanzia: vedere pagina dedicata



XT5V



The thermostats of "XT5V" series allow the commutation of two electronic micro-switches when two different value of temperature are reached. These values can be set through the regulation key put on the display.

The measuring value are from 0 to 100°C . It is also available an execution with extension to intercept the fluid.

Technical Features:

Body: in brass

Spare parts: see dedicated page

Fluid connections parts : in brass with incorporated seal

Assembly: in every position

Working temperature: from -20°C to +120°C

Switching precision: < ± 2% F.S ± 1 digit (at 20°C)

Hysteresis value: manual adjustable gap between 2% and 45% of the end of preset value or automating setting gap about 3 % of the end of scale.

Zero thermal drift : < 3% of the end scale from 0 °C to + 70 °C

Weight: 0,1 Kg

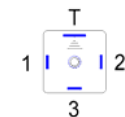
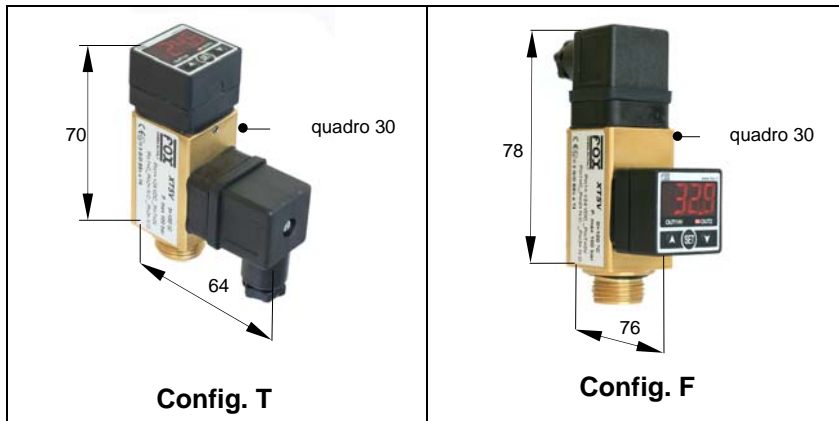
Mechanical life: 2x10⁶ cycles a 20°C

Electrical features:

- Standard power supply: 12-24 VDC
- Electric connection in accordance to: DIN 43650
- Electric protection in accordance to CEI EN 60529: IP 65
- Stacking temperature: from -25°C to +90°C
- Input impedance: 100 Ohm

Warranty: see dedicated page

Configurazioni display



Connessione Elettrica
Electric connection

Aliment. +	Pin 1
GND	Pin T
OUT1 PNP 80mA	Pin 2
OUT2 PNP 80mA	Pin 3

ESEMPIO D'ORDINE / HOW TO ORDER

<u>XT5..</u> / <u>.</u> / <u>..</u>					
Tipo	Campo di regolazione	P max	Connessione idraulica	Tipo di esecuzione	Configurazione display
Type	Regulation range	P max	Hydraulic connectionj	Type of execution	Display configurations
	°C	Bar	Unica		
XT51V	0>100	100	½" BSP	Con prolunga/ with extension : P15-> L=150mm P20->L=200mm P25->L=250mm P30->L=300mm	F frontale / in front of T in testa

TEMPERATURE SETTING OF INTERVENTION

XT5V tool allows you to independently adjust two different outputs with adjustable hysteresis.

Both outputs can be normally open and normally closed.

P_* If the display shows the thresholds are set to **normally open**

N_* If the display shows the thresholds are set as **normally closed**

Normally open Condition

The parameters P_1 and P_2 are referred to the first threshold (PIN2)

The parameters P_3 and P_4 are referred to the second threshold (PIN3)

Threshold OUT1

P_1 indicates the point of operation required with rise in temperature (exp. 50 ° C)

P_2 indicates the point of resetting the instrument temperature is falling (exp. 45 ° C)

In this configuration, the signal is removed until the door first to reach 50 ° C and will remain in place until the temperature drops below 45 ° C

Threshold OUT2

P_3 indicates the point of operation required with rise in temperature (eg 60 ° C)

P_4 indicates the point of resetting the instrument temperature is falling (eg 50 ° C)

In this configuration, the signal at the door 2 will remain away until reaching 60 ° C and will remain in place until the temperature drops below 50 ° C

NOTE: If the difference between set point and reset (P1E P2 or P3 and P4) is too narrow may cause flicker in the output value.

To act on the values of the points of action is briefly press the SET button once and select the threshold for action, change values using the arrows.

Normally closed condition

The parameters n_1 and n_2 are reported to the first threshold (PIN2)

The parameters n_3 n_4 and refer to the second threshold (PIN3)

Threshold OUT1

n_1 indicates the point of operation required with rise in temperature (eg 50 ° C)

n_2 indicates the point of resetting the instrument temperature is falling (eg 45 ° C)

In this configuration, the signal will be present on a threshold of up to 50 ° C and will remain absent until the temperature drops below 45 ° C

Threshold OUT2

n_3 indicates the point of operation required with rise in temperature (eg 60 ° C)

n_4 indicates the point of resetting the instrument temperature is falling (eg 50 ° C)

In this configuration, the signal on the threshold 2 will be up to 60 ° C and will remain absent until the temperature drops below 50 ° C

NOTE: If the difference between set point and reset (or n_1e n_2 n_3 and n_4) is too narrow may cause flicker in the output value.

To act on the values of the points of action is briefly press the SET button once and select the threshold for action, change values using the arrows.



TYPE OF INTERVENTION PROGRAM

To program the type of threshold (normally open or normally closed) and must:

- Press for more than 3 seconds the SET button to enter the programming
- You will receive "1no"(normally open) or "1nC"(normally closed) Threshold 1
- You can change the status with the arrows and press SET
- You will receive "2no"(normally open) or "2NC"(normally closed) Threshold 2
- You can change the status with the arrows and press SET
- Press SET twice more to return to measurement