



## MONO CONTACT BIMETALLIC THERMOSTAT TM4 AND TM6 SERIES



**TM4**

60° Swinging connector and incorporated seal fluid side



**TM6**

"TM4" and "TM6" temperature switches permit opening or closing an electrical circuit in order to reach a fixed temperature value

### Technical Features :

**Body :** in Brass hexagonal CH27 for the TM4  
square CH30 for the TM6

**Assembly:** in every position

**Maximum dimension (L =width max, H =height max):**

- TM4 execution: L 48mm x H 76mm
- TM6 execution: L 48mm x H 72mm

**Hydraulic connection :** - 1/2" BSP Male  
- 3/8" BSP Male  
- M22x1,5 male

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

**Switching frequency:** 20 cycles/min

**Switching accuracy:** ± 3.5° C

**Fixed hysteresis value:** ~ 12° C of the settled value

**Weight:** 0.07 Kg for TM4  
0.17 Kg for TM6

### Electric Features:

- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP65
- Maximum load on the electric contacts:
  - alternate current to 220 Volt – 10 Ampère
  - direct current to 125 Volt – 15 Ampère

**Warranty:** see dedicated page

**Spare parts:** see dedicated page

### Also Available:

- **TMS6** with exchange contact (power supply 24Volt DC – 2 Ampère max )
- **TM4X, TM6X** with fluid part contact in Stainless Steel
- Different preset values and hysteresis on request
- **TM4/ATEX, TM6/ATEX** execution according to II 3 G/D EEx m T4



## HOW TO ORDER

**TM..**

Type		Fix set switching	P max	Type of electric contact	Body material	Hydraulic connection		
		°C	Bar			<b>1</b>	<b>2</b>	<b>3</b>
<b>TM44</b>	<b>TM64</b>	40	200	<b>A</b> NA  <b>C</b> NC	<b>X</b> in AISI316L  if omitted means Brass	1/2"BSP	3/8"BSP	M22x1.5
<b>TM45</b>	<b>TM65</b>	50	200					
<b>TM46</b>	<b>TM66</b>	60	200					
<b>TM47</b>	<b>TM67</b>	70	200					
<b>TM48</b>	<b>TM68</b>	80	200					
<b>TM49</b>	<b>TM69</b>	90	200					
<b>TM49.0</b>	<b>TM69.0</b>	100	200					
<b>TM49.1</b>	<b>TM69.1</b>	110	200					

The thermostat **TMD4** series allow the commutation of two different electric contact when two different temperature value, presettet in factory, are reached.

Intervention value and type of contacts on demand.

## Techniact Features:

**Body:** in Brass

- **TMD4** : hexagonal 27 mm

**Assembly:** in every position

**Hydraulic connection:** - ½" BSP male  
- M22 x 1.5 male

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

**Switching frequency:** 20 cycles/min

**Switching accuracy:** ± 3.5 °C

**Fixed hysteresis value:** ~ 12 °C del valore impostato

**Weight:** 0.07 Kg

## Electrical Features:

- Electric connection in accordance to DIN 43650
- Electric protection in accordance to DIN 40050: IP65
- Max load on contacts:
  - 24 VAC – 15 A
  - 24 VDC – 10 A

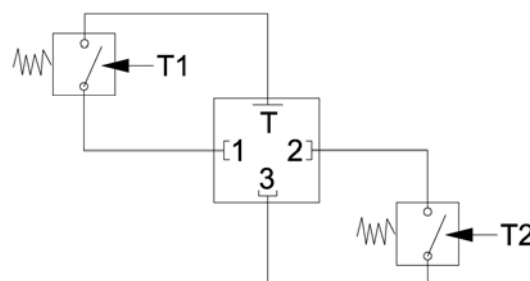
**Warranty:** see dedicated page

**Spare parts:** see dedicated page

## Available:

- Intervention point and hysteresis value on demand

N.B. : For every contacts please indicate if NO or NC



## HOW TO ORDER

TMD4										
Type	Intervention point contact		First	Type of first contact	Intervention point Second contact		Type of second contact	P Max	Hydraulic connection	
	°C				°C			Bar	1	3
TMD4	4	40	A NA		4	40	A NA	200	½"BSP	M22x1.5
	5	50			5	50		200		
	6	60			6	60		200		
	7	70	C NC		7	70	C NC	200		
	8	80			8	80		200		
	9	90			9	90		200		