



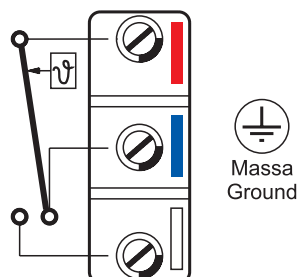
The TVI -IT series of thermostat have been designed for domestic and industrial applications with a sensible element and mounting clamp for the direct fixing on tubes. The thermostat can be used for fluid temperature monitoring available in metal tubes on heating and air conditioning plants.

The device will be supplied in a sealed ABS casing, IP65 according to EN 60529 (ex IEC 529), protection class I acc. to EN 60335-1 (ex IEC 335-1) or for high temperature with vernished aluminium base.1.

TECHNICAL FEATURES

- Liquid-filled copper sensible element for contact.
- Dust-tight microswitch with switching contacts (heat/cool)
- Max. current: 15 (8) A, 24 - 250 Vac
- Working temperature: -10/+65°C
- Differential: adjustable or with manual maximal/minimum reset
- Casing (figure 1): 108x70x72 mm

ELECTRICAL WIRING



Heating

Connect red to blue terminal; the contact opens while rising of the temperature.

Cooling

Connect red to white terminal; the contact opens while dropping of the temperature.

The respective free contact closes simultaneously.

SCHEDULE

Range °C	Type	Differential °C	Max bulb temp. °C	Special version
-15/+30	TVI - IT-1	2-20	60	U
	TVI -IT-2	FT	60	U
0/+60	TVI -IT-3	2-20	75	U
	TVI -IT-4	ST	75	U
+20/+90	TVI -IT-5	2-20	110	U
	TVI - IT-6	ST	110	U
+50/+120	TVI - IT-7	2-15	150	U
	TVI -IT-8	ST	150	U

Special version:

U = Knob under the cover

Special applications:

On request 2 stages version, please add/2.

On request range -30/+30°C.

Explosion-proof case complete of fittings and approval.

Instruction of the installation:

Any position is acceptable. For connection remove the external knob and unscrew both screws on the cover.

For mounting on wall or other surfaces use the supplied screws.

Note:

The range may be reset turning carefully the exagon nut under the knob. See figure below.

Warning:

Each operation on the unit, either installation or maintenance, must be done without main supply on the unit and external loads. Such operations are permitted only by skilled workers. We not not responsible for possible damage caused by an inadequate installation and/or by removed or exchanged security devices.

To guarantee sealed protection on the unit turn the cover screws and close the grommet.

