CLAMP-ON THERMOSTAT, IP20

<div style="text-align:right">

AT

</div>

FUNCTION

Single-stage fluid temperature control in metal pipes for heating, cooling and air conditioning plants.
Models with setpoint adjustment by knob on or under the cover, sensible element and mounting clamp for direct fixing on pipe.

APPLICATIONS

Well-suited for heating, cooling and air conditioning systems in strong polluted areas, domestic and industrial areas, commercial buildings, sport halls, storage room, garages, machine rooms, factories, greenhouses and agricultural installations.

TYPE	RANGE °C	DIFFERENTIAL K	MAX. TEMP. SENSIBLE ELEMENT °C
AT2090	+20...+90	8±3	90
AT2090U	+20...+90	8±3	90

U   models with range under the cover

TECHNICAL DATA

Sensitive element:	liquid-filled coiled copper bulb for contact
Contacts:	dust-tight microswitches with SPDT contacts (heat/cool)
Switch capacity:	16 (2,5) A, 250 Vac / 2,5 A, 250 Vac
Differentials:	see schedule
Working:	-15...+85 °C
	10...90% r.h. (without condensing)
Storage:	-15...+60 °C
	< 95% r.h.
Housing:	zinced steel plate,
	not sealed ABS cover
Protection:	IP20, class I
Size:	39 x 55 x 112 mm
Weight:	150 g

WIRING DIAGRAM

Heating
Connect to terminal 1 and to terminal 2 (fig. 1).
The contact opens during the temperature rising.

Cooling
Connect to terminal 1 and to terminal 3 (fig. 1).
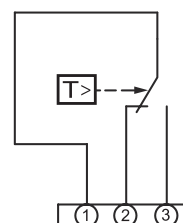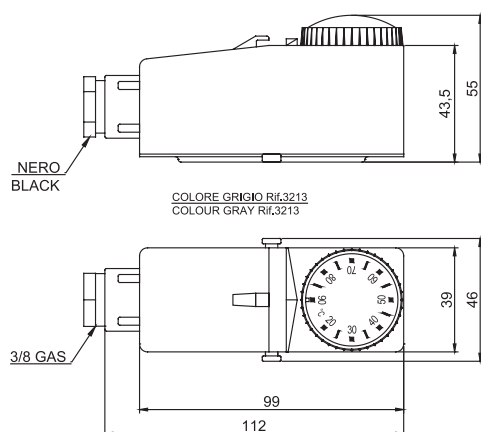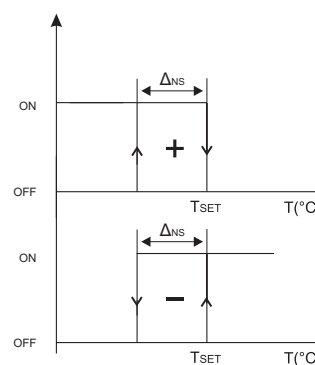The contact opens during the temperature droping.

fig. 1

DIMENSIONS (mm)

NERO
BLACK

COLORE GRIGIO Rif.3213
COLOUR GRAY Rif.3213

3/8 GAS

Logic activation:

Heating
Contacts 1-2

Cooling
Contacts 1-3

Δ_{NS}: differential in the stage
T_{SET}: setting setpoint
ON: closed contact
OFF: open contact