

DATA SHEET

THERMOSTAT HEAD WITH CAPILLARY SENSOR

Internal code: NEOCAPTM

1. PRODUCT DESCRIPTION

The remote temperature sensor does not require an external power supply, it is suitable for underfloor heating, air heaters, heat exchangers, etc. The temperature sensing element is installed directly on the pipe surface or inside.



Operating principle

The remote temperature sensor consists of the valve head and body. According to its function and principle, it controls the temperature of the heat carrier with the help of the remote temperature sensor; if the temperature of the water in the pipe exceeds the set temperature, the sensor is heated to expand, it increases its volume to push the valve stem, so as to reduce the water flow.

2. TECHNICAL PARAMETERS

TEMPERATURE CONTROL RANGE	TEMPERATURE CONTROL SCALE	MAXIMUM DETECTED TEMPERATURE	MAXIMUM ALLOWABLE STATIC PRESSURE	MAXIMUM ALLOWABLE DIFFERENTIAL PRESSURE	CAPILLARY LENGTH	VALVE CLOSING HEIGHT	INSTALLATION NUT SIZE
20-60 °C	20-60	80 °C	1.0 Mpa	0.1 Mpa	2000 mm	12.2 ± 0,2	M30 x 1.5

CORRESPONDING TEMPERATURE AND SCALE

20	I	30	I	40	I	50	I	60	I	70
20 °C	25 °C	30 °C	35 °C	40 °C	45 °C	50 °C	55 °C	60 °C	65 °C	70 °C

3. Installation and precautions

Before installation, check if the remote control head is set to full scale.

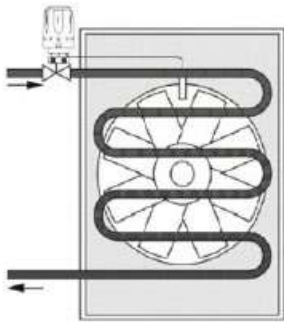


Figure 1 Air heater

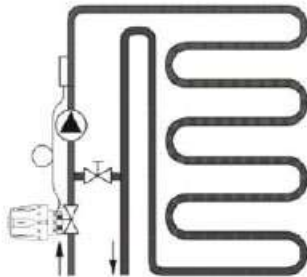


Figure 2 Underfloor heating

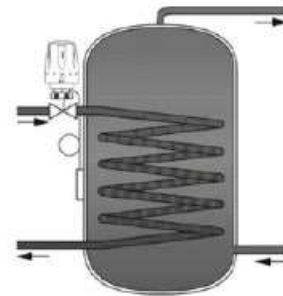


Figure 3 Heat exchanger

4. WARRANTY PERIOD

The warranty period is 24 months from the date of delivery, provided that the customer/user fully complies with the installation, storage and transport rules.