

TMI ice frost sensors are used to measure an air conditioning unit's heating radiator ice frost function and return water regulation temperature.



Type code	Meas. element	Meas. accuracy
TMI / NTC10	NTC10	$\pm 0,2$ °C (0-70 °C)
TMI / Pt1000	Pt1000	± 1 °C (0-70 °C)
TMI / Ni1000	Ni1000 LG	± 1 °C (0-70 °C)

Technical information

Materials

- Immersion pipe and nipple RST AISI 304 EN 1.4301

- Cable LIYY 2 x 0,14 mm, length 1,9 m

Range of use -50 °C...+100 °C
(water, cooling liquids)

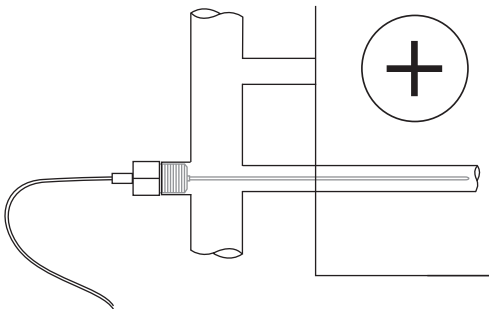
Pressure class PN 16

Time constant < 3 s

Wrench size 14 mm

Thread R 1/4", cross-knurling

Installation and connection



Install the water sensor on the air-conditioning unit's heating radiator ribbed pipe on the return water side so that it faces opposite the direction of flow. Screw the sensor on a welded pipe fitting or T-piece using proper sealing methods.

Connect the sensor to the controlling device as a two-wire connection using weak current cable. The polarity of the cable is irrelevant.