TSSH

Features

- **Sensing elements**
  Thermistors, Platinum and Nickel
  NTC 10K, NTC 1.8K, NTC 20K, PTC, PT100, PT1000, NI1000 etc.
- **Included 300 mm adjustable strap-on band, for pipe diameter 13 to 92 mm (1/4“ to 3“)**
- **IP 65 protection**
- **Housing dimensions 72x64x39 mm**
- **Simple 2-wire connection**
- **Economical way to measure temperature**

Technical data

Measuring range	-30 to +110°C
Sensing elements	See ordering (other elements on request)
Isolation resistance	> 100Mohm, at 20°C (500 Vdc)
Connections	2-wire (on request 3 and 4-wire)
Strap-on band length	300 mm, other lenghts on request
Housing material	Plastic
Housing dimensions	72x64x39 mm excluding cable entry gland
Protection	IP 65

Ordering

Type no.	Description
TSSH NTC 10K	Strap-on temp. sensor with IP 65 housing
TSSH NTC 1.8K	Strap-on temp. sensor with IP 65 housing
TSSH NTC 20K	Strap-on temp. sensor with IP 65 housing
TSSH KTY 2K	Strap-on temp. sensor with IP 65 housing
TSSH PT100	Strap-on temp. sensor with IP 65 housing
TSSH PT1000	Strap-on temp. sensor with IP 65 housing
TSSH NI1000	Strap-on temp. sensor with IP 65 housing

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Ventilation Control Products

Strap-On Temperature Sensors with Passive Sensing Element

TSSH Jan.12

Application/Description

The strap-on temperature sensor TSSH is used for sensing the temperature of pipework in heating, ventilation and air conditioning systems.

The TSSH is passive immersion temperature sensor available with different sensing elements such NTC 10K, NTC 1.8K, NTC 20K, PTC, PT100, PT1000, NI1000 etc.

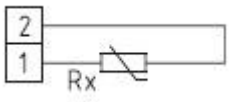
Passive sensing elements is a low cost alternative to measure temperature with simple 2 wire connection.

The IP 65 plastic housing is supplied with a plastic cable entry gland, connection terminal is under the cover.

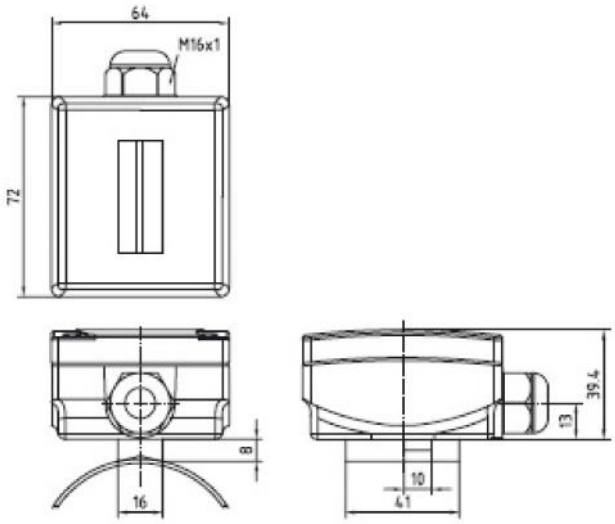
The TSSH is provided with a clamp that adapts to the pipe´s surface and the unit is fixed with an adjustable 300 mm strap-on band, other strap-on lengths are available.

Connection

1x two-wire connection



Dimensions (mm)



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