



TRSS

Features

- Sensing elements
Thermistors, Nickel and Platinum
- Simple 2-wire connection
- Economical way to measure temperature
- Dimensions 79x81x26 mm
- IP 30

Application/Description

The room temperature sensor TRSS have been designed for wall mounting and is used to sense temperature in in heating, ventilation and air conditioning systems.

The TRSS is a passive room temperature sensor available with different sensing elements such PT100, PT1000, NI1000, NTC, PTC etc.

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

The housing have ventilated openings with connection terminal and temperature sensing element inside the housing.

The unit can be mounted on surface or on a conduit box.

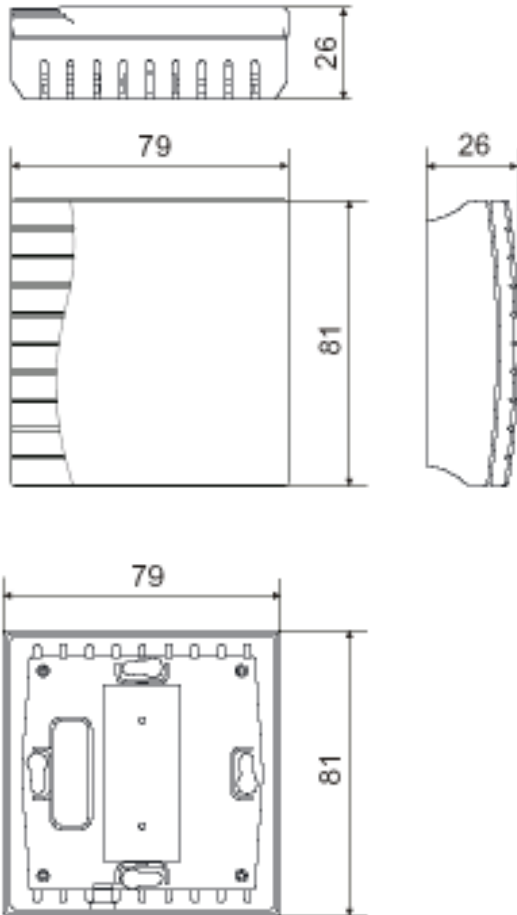
Technical data

Measuring range	-30 to +90°C
Sensing elements	See ordering (other elements on request)
Connections	2-wire (on request 3 and 4-wire)
Housing material	Plastic
Housing dimensions	79x81x26 mm
Protection	IP 30

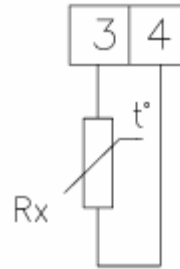
Ordering

Type no.	Description
TRSS PT100	Room temperature sensor
TRSS PT1000	Room temperature sensor
TRSS NI1000	Room temperature sensor
TRSS NTC 1.8K	Room temperature sensor
TRSS NTC 10K	Room temperature sensor
TRSS NTC 20K	Room temperature sensor
TRSS KTY 2K	Room temperature sensor

Dimensions (mm)



Connection



We reserve the right to make changes in our products without any notice which may effect the accuracy of the information contained in this leaflet.



TRTS

Features

- Active transmitters
0-10 Vdc or 4-20 mA output
- Temperature range 0 to +50°C,
other temperature ranges on request
- Dimensions 79x81x26 mm
- IP 30

Application/Description

The room temperature transmitter TRTS have been designed for wall mounting and is used to sense temperature in heating, ventilating and air conditioning systems.

The TRTS room temperature transmitters available with 0-10 Vdc or 4-20 mA output with the measuring temperature range 0 to +50°C as standard, other ranges are available.

The housing have ventilated openings with connection terminal PCB and temperature sensing element inside the housing.

The unit can be mounted on surface or on a conduit box.

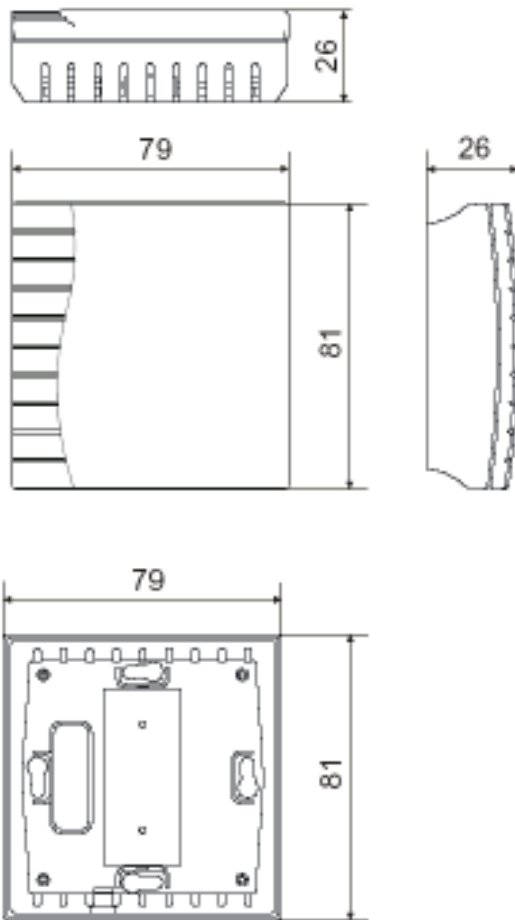
Technical data

Measuring range	0 to +50°C (other ranges on request)
Sensing element	PT100, class B
Connections	3-wire for 0-10 Vdc 2-wire for 4-20 mA (see electrical connection)
Power supply	24 Vdc
Housing material	Plastic
Housing dimensions	79x81x26 mm
Protection	IP 30
Ambient humidity	max 90% r.H., non-condensation

Ordering

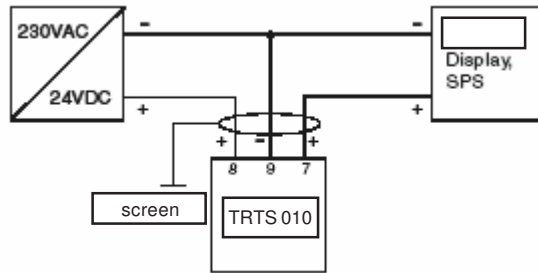
Type no.	Description
TRTS 010	Room temperature transmitter 0-10 Vdc output, temperature range 0 to +50°C
TRTS 420	Room temperature transmitter 4-20 mA output, temperature range 0 to +50°C

Dimensions (mm)

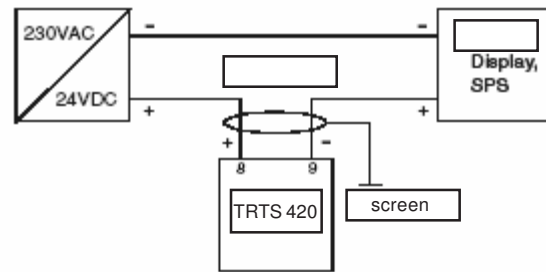


Electrical connections

0-10 Vdc output



4-20 mA output



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