

Temperature transmitters RT-01

Specification

Characteristic

- programmable temperature transmitter
- mounting in connection head B
- programmable via PC computer using dedicated software
- high processing precision
- housing: polycarbonate
- galvanic isolation
- has a CE declaration

Input

- resistance: Pt100, 2, 3, 4-wire

Output

(4 ÷ 20) mA, (20 ÷ 4) mA

Measuring range

(-200 ÷ 650)°C

Accuracy

0,08% max range for Pt100

Response time

1 s

Max. wire resistance

$R_{Lmax} (V_{zas.} 10 V) / 0,022 A [\Omega]$

Lead wire connection

< 1,75 mm²

Power supply

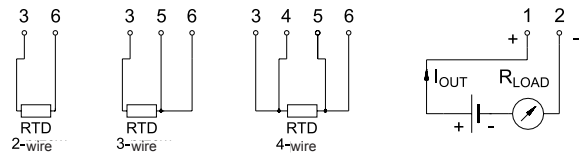
(10 ÷ 35) V DC

Working conditions

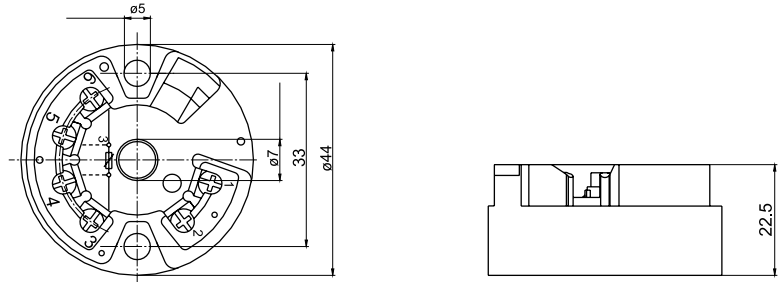
temperature: (-40 ÷ 85)°C



SCHEME OF CONNECTIONS

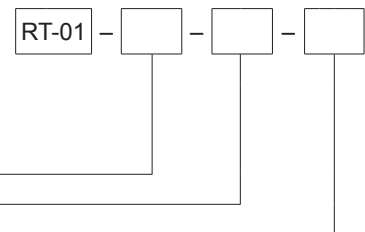


DIMENSIONS



Ordering code

Temperature transmitter



Temperature range: **(-200 ÷ 650)°C**
Line for Pt100: **3p** or another
With adapter for rail mounting: **A**

Ordering example:

Transmitter RT-01-(0 ÷ 200)°C-3p-A