

TEMPERATURE TRANSMITTER 4/20MA PASSIVE

- Transmitter with 4-20 mA 2-wire (PASSIVE) for Pt100, Pt1000 Ni100 sensors and wireless 2-3-4 for temperature measurement in industrial environments, with excellent EMC characteristics.
- Allows remote transmission temperature, with safety and interference immunity.
- The output is linearized with temperature with a high load capacity loop that allows a wide range from 6V to 30V supply (protected against polarity reversal).
- It has an intelligent adaptive filter to stabilize the signal.
- Its small size , encapsulated and sealed with resin format provides high electric strength, mechanical and environmental.
- Allows a quick and easy configuration via PC through wireless communication module based programming with USB (promptly via smartphone). Is not necessary to connect any cable and avoid to waste time and made mistakes with wrong connections.
- It has an internal data logger that records temperature continuously for subsequent dump to your computer.

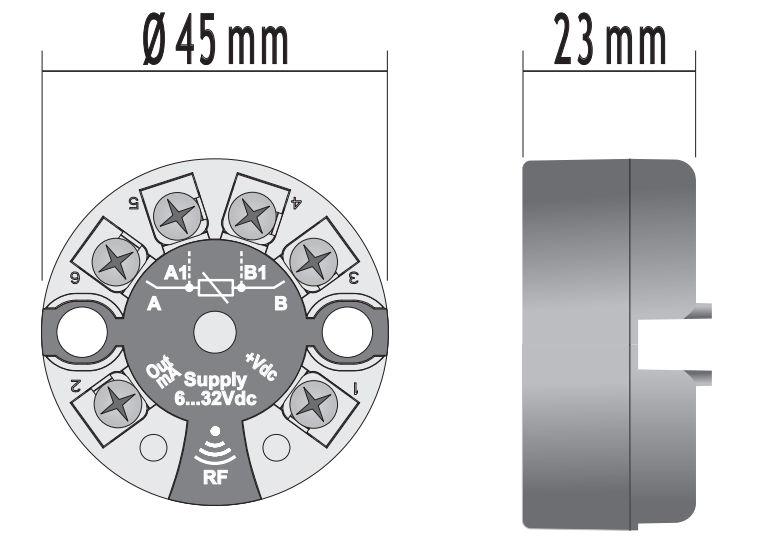




SPECIFICATIONS:

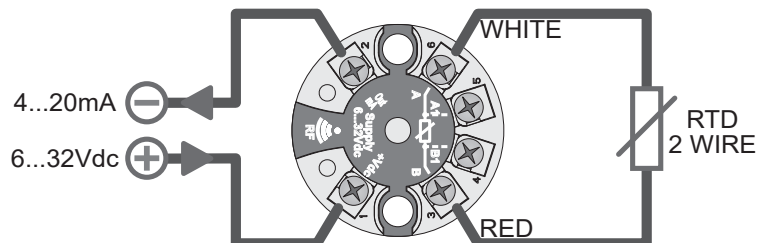
- Output Resolution: 1 μ A
- Output Error (Failure): Selectable between 21.5 or 3.8 mA
- Current Output Protection: 30 mA approx
- Rejection: 50 to 60 Hz
- Maximum Transmission Error: 0.1% FS or 0.2°C
- Sampling Time: 300 msec
- Response Time (10 to 90%): 600 msec
- Non-Volatile Memory (Circular Buffer) for Data Logging: 2546 Data Points
- Cable Resistance: 20 Ω max
- Temperature Coefficient: <100 ppm
- Power: 2-wire loop powered; operating range 6 to 32 Vdc
- Operating Environment: -40 to 85°C (-40 to 185°F), 30 to 90% RH (non condensing)
- Storage Temperature: -40 to 85°C (-40 to 185°F) Mounting: DIN/B head
- Enclosure Material: Nylon (PA66)
- Enclosure Rating: NEMA 1 (IP20) according to CE, EN 61000-6-4, EN 61000-6-2
- Programming: Wireless with RFID technology (NFC)
- Connection: Screw terminals

- Weight: 30 g approx
- Dimensions: 23 H x 45 mm dia

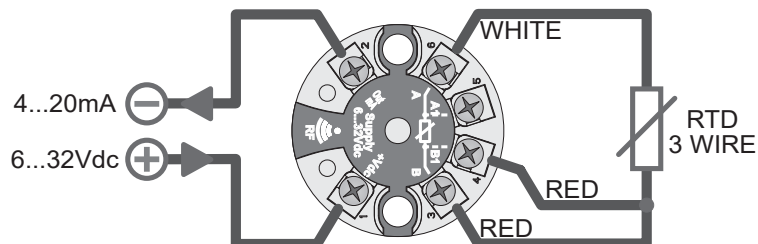


HOW TO CONNECT:

Pt100
Ni100
Pt1000



Pt100
Ni100



Pt100
Ni100

