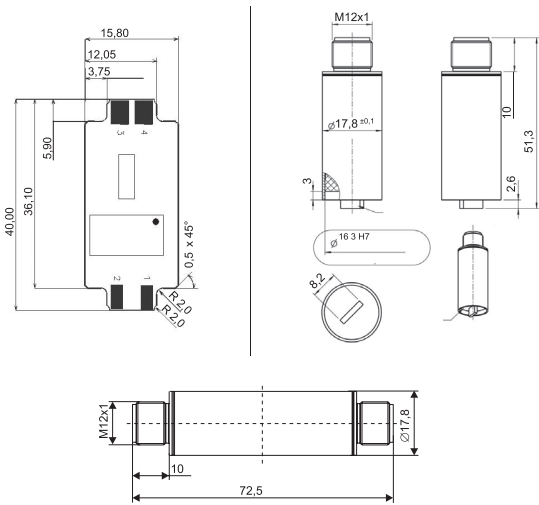
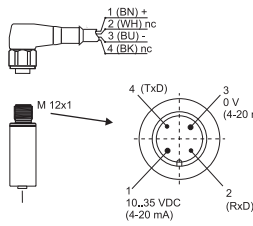
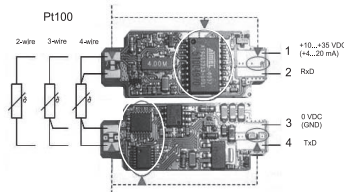
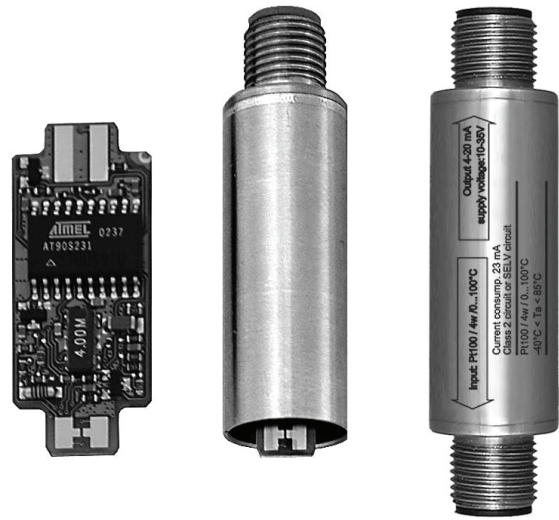


Temperature transmitter RT-02

Technical data

Characteristic
– programmable temperature transducer
– M12 connection thread
– configuration on PC using dedicated software
– fail-safe mode according to NAMUR NE43
Input
– Pt100, 2-, 3-, 4-wire
Output
(4 ± 20) mA, (20 ± 4) mA
Measuring range
(-50 ± 150) °C
Processing accuracy
0,08% max. temperature range for Pt100
Response time
1 s
Max. wires resistance
$R_{L(max)} = (V_{z\alpha s} - 10 \text{ V}) / 0,023 \text{ A} [\Omega]$
Power supply
(10 ± 35) V DC
Working conditions
– temperature: (-40 ± 85) °C
– humidity: ≤90%RH no condensation



Ordering method

Temperature transmitter		RT-02 - ... - ... - ...
Transmitter temperature settings		(-50 ± 150) °C
Measuring circuit for RTD		2, 3, 4
Printed circuit board without housing		A
In stainless steel housing, 2x M12 connector, RTD connection standard		C
In stainless steel housing, (welded) M12 connector		D

* or other as agreed

Order example

Transmitter RT-02-(0 ± 100)°C-3-C