

# APAQ R130<sup>RTD</sup>

## Programmable 2-wire Transmitter for Pt100 and Pt1000



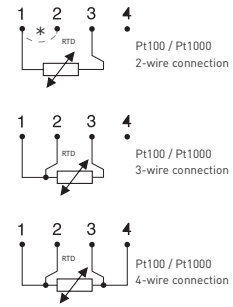
The APAQ R130<sup>RTD</sup> is a modern transmitter with high reliability and great performance. External influences such as ambient temperature, vibration, moisture and EMC interference have minimal influence on the measurement result, thanks to the robust design.

- Type: Digital
- Input: RTD
- Output: 4-20 mA
- Isolation: Unisolated
- Measuring channels: 1 channel

### Specifications:

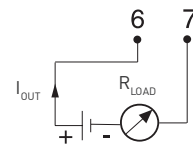
Input	2-, 3-, 4-wire connection Pt100 (IEC 60751, $\alpha=0.00385$ ) -200... +850 °C / -328...+1562 °F Pt1000 (IEC 60751, $\alpha=0.00385$ ) -200... +850 °C / -328...+1562 °F
Adjustments	
Minimum span	20 °C / 36 °F
Zero adjustments	Any value within range limits
Output	4-20 mA temperature linear
Sensor failure indication	Upscale ( $\geq 21.0$ mA) or downscale ( $\leq 3.6$ mA)
NAMUR compliance	Current limitations and failure currents acc. to NAMUR NE 43
Response time	0.4 to 26 s, adjustable filtering level
Ambient temperature	
Storage and operation	-40...+85 °C / -40...+185 °F
Galvanic isolation	None
Power supply	6 to 32 VDC
Typical accuracy	Max. of $\pm 0,15$ K or $\pm 0,15$ % of span
Mounting	35 mm DIN rail acc. to EN 60715
Vibration	IEC 60068-2-6, test Fc, 10...2000 Hz, 5 g
EMC	EN 61326-1 and EN 61326-2-3
Configuration	App INOR Connect via NFC <sup>TM</sup>

### Input connections

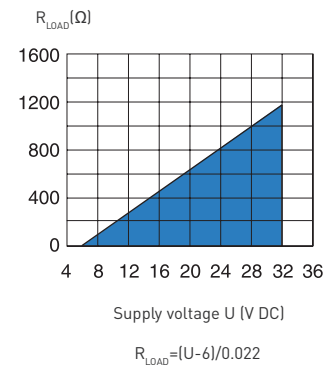


\* Short terminals 1 and 2 on the transmitter, max 50  $\Omega$  on each wire

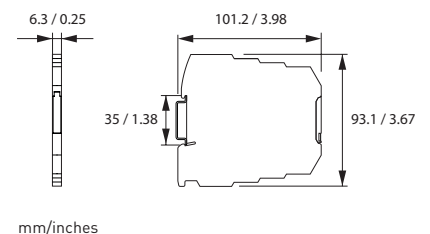
### Output connections



### Output load diagram



### Dimensions



### Ordering information

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