

APAQ C130^{RTD}

Basic Programmable 2-wire Transmitter for Pt100 and Pt1000



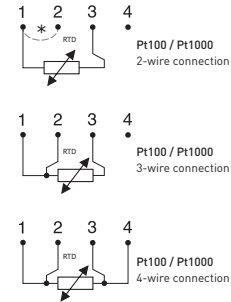
The APAQ C130^{RTD} is a modern transmitter with high reliability and great performance. External influences such as ambient temperature, vibration, moisture and EMC interference have minimal influence on the measurement result, thanks to the robust design.

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

Specifications:

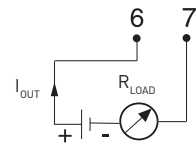
Input	2-, 3-, 4-wire connection Pt100 (IEC 60751, $\alpha=0.00385$) -200... +850 °C / -328...+1562 °F Pt1000 (IEC 60751, $\alpha=0.00385$) -200... +850 °C / -328...+1562 °F
Adjustments	
Minimum span	20 °C / 36 °F
Zero adjustments	Any value within range limits
Output	4-20 mA temperature linear
Sensor failure indication	Upscale (≥ 21.0 mA) or downscale (≤ 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 ± 0.15 K or ± 0.15 % of span
Mounting	DIN B head or larger, DIN-rail (with adapter)
Vibration	IEC 60068-2-6, 10 g
EMC	EN 61326-1 and EN 61326-2-3
Configuration	App INOR Connect via NFC

Input connections

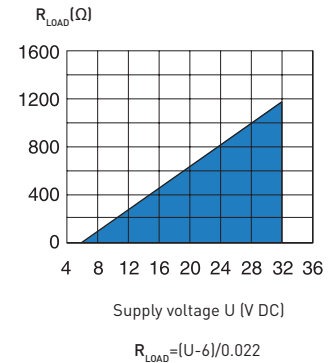


* Short terminals 1 and 2 on the transmitter

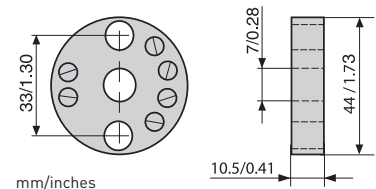
Output connections



Output load diagram



Dimensions



Ordering information

APAQ C130 ^{RTD}	70C1300011
Head mounting kit	70ADA00017
DIN-rail Adapter + Screw (10 pcs)	70ADA00027