

## ▶ Straightforward RTD transmitter



Wireless configuration  
with your smartphone!

**INOR**

### IPAQ C310<sup>RTD</sup> – RTD transmitter with NFC technology

IPAQ C310<sup>RTD</sup> is a robust and isolated temperature transmitter, a slimmed version of big brother IPAQ 330. The 2-wire transmitter is compatible with Pt10 ... Pt1000 sensors with additional Ni100, Ni120, Ni1000 and resistance input.

Its robust design and high quality gives excellent performance and accuracy also under harsh conditions. With the runtime function you can easily supervise the elapsed operational time between calibrations.

IPAQ C310<sup>RTD</sup> supports communication via NFC (Near-field communication) and Bluetooth® which makes it possible to configure and monitor the transmitter remotely. It is also possible to configure IPAQ C310<sup>RTD</sup> via a PC and software ConSoft.



IPAQ C310<sup>RTD</sup>

## High reliability

IPAQ 310<sup>RTD</sup> is a highly reliable and robust temperature transmitter. External influences such as ambient temperature, vibrations up to 10 g, moisture and electro magnetic waves have minimal influence on the measurement result.

## Wireless configuration with INOR Connect

The app, INOR Connect, is used for transmitter configuration in seconds. All parameters are set in the app and then transferred to the transmitter via NFC or Bluetooth®.

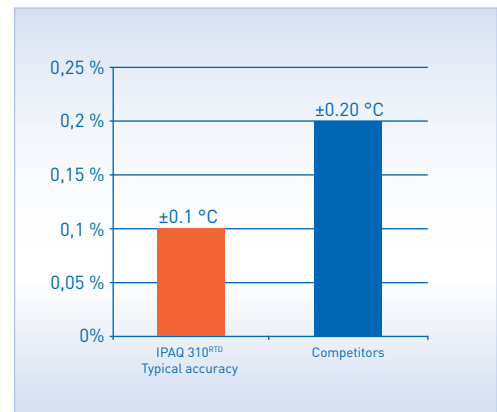
## Technical data

Input	RTD and Resistance
Output	4...20 mA
Sensor error	NAMUR NE43
Adjustments – Zero point	Any value within range limits
Adjustments – Minimum span	10 °C / 18 °F or according to the sensor
Error compensation	Sensor and system error correction
Ambient temperature	-40...+85°C / -40...+185°F
Humidity	0...98% RH (non-condensing)
Vibration	IEC 60068-2-6, 10 g
EMC	EN 61326-1 and EN 61326-2-3
Typical accuracy	Max. of $\pm 0.1$ °C or 0.1 % of span
Long-term stability	Max. drift $\pm 0.02\%$ of span/year
Adjustable filtering level	0.17 to 90 s (default 1.4 s) (3-wire RTD)
Galvanic isolation	1500 VAC
Power supply	8...36 VDC
Runtime counter	Hour counter for elapsed operational time
Simulated output	Fixed current output during a maximum time of 15 min
Configuration	ConSoft PC or App: INOR Connect
Wireless connectivity	NFC and Bluetooth®*

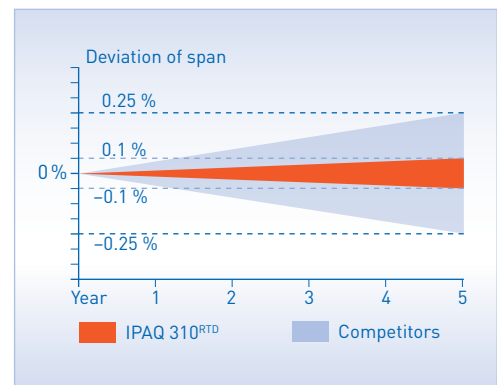
\* Bluetooth communication is only supported together with ICON-BT.

## High accuracy over time

High level of measuring accuracy with only  $\pm 0.1$  % of temperature span.

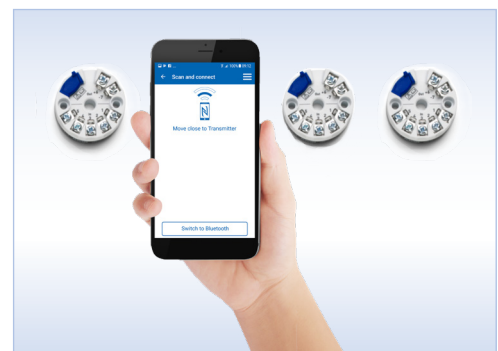


Maximum drift  $\pm 0.1$  °C or  $\pm 0.1$  % of span over 5 years makes regular calibration less necessary.



## Copy and save time with INOR Connect

With the app: INOR Connect it is possible to copy and paste a configuration to several transmitters in just a few seconds.



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Product page



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