

► Even the smallest component plays a vital role in every environment



Wireless configuration
with NFC & Bluetooth

INOR

MiniPAQ 230 – Non-isolated temperature transmitters

MiniPAQ 230 is a universal, non-isolated, 2-wire temperature transmitter. Designed for demanding environments and optimising processes for the best environmental performance. With the introduction of the MiniPAQ 230, the transmitter replaces the MiniPAQ-HLP/-L, ensuring complete compatibility.

This versatile device seamlessly integrates with a wide range of inputs, including resistance thermometers (RTDs) from Pt10 to Pt1000 and 10 standardized thermocouple types, along with voltage and resistance inputs.

MiniPAQ 230 supports wireless communication via NFC (Near- field communication) and Bluetooth® which makes it possible to configure and monitor the transmitter through a smartphone or a tablet.



MiniPAQ C230

MiniPAQ R230



MiniPAQ C230



MiniPAQ R230

Visit
product page

Design for easy installation

The head-mounted variant MiniPAQ C230 can be easily installed in all DIN B connection heads. The rail version, MiniPAQ R230, easily mounts on a standard DIN-Rail (35 mm), adhering to EN IEC 60715 standards.

Highest quality to make you feel safe

The MiniPAQ 230 is built on INOR's latest transmitter platform to leverage efficiencies and to meet the customer's need for digitalization. By building on an already established and well-proven platform, we ensure that the transmitters meet INOR's trademark of quality.

Wireless configuration and monitoring

Configure your MiniPAQ 230 wirelessly via NFC by using the app INOR Connect. The fast communication between the transmitter and the smartphone makes it possible to copy and paste a configuration to as many transmitters as you like and it only takes seconds.

Add the ICON-BT modem and you can configure and monitor your MiniPAQ 230 also via Bluetooth®. Thanks to the extended range that Bluetooth offers you can monitor the transmitter remotely.

Technical Data

MiniPAQ 230	
Input RTD	2-, 3-, 4-wire connection
Pt100 (IEC 60751, $\alpha=0.00385$)	-200 to +850 °C / -328 to +1562 °F
Pt X ($10 \leq X \leq 1000$) (IEC 60751, $\alpha=0.00385$)	-200 to +850 °C / -328 to +1562 °F
Ni100 [DIN 43760]	-60 to +250 °C / -76 to +482 °F
Ni120 [Edison No. 7]	-60 to +250 °C / -76 to +482 °F
Ni1000 [DIN 43760]	-50 to +180 °C / -58 to +356 °F
Input Thermocouple	Type B, C, D, E, J, K, N, R, S, T
Cold Junction compensation	Internal sensor or fixed value
Additional inputs	Plain resistance (0 to 4 kΩ), Plain mV (-10 to +1000 mV)
Output	4-20 mA, in 2-wire loop connection
Measure and fail currents	Acc. to NAMUR NE 43
Operating temperature	-40 to +85 °C / -40 to +185 °F
Error compensation	Sensor and system error correction
Galvanic isolation	None
Power supply	8.0 to 36.0 VDC
Typical accuracy (RTD)	Max. of ± 0.15 K or ± 0.15 % of span
EMC standards	EN 61326-1 and EN 61326-2-3
RoHS Directive	2011/65/EU + (EU) 2015/863
EU Declaration of Conformity	CE-compliant
Mounting	MiniPAQ C230: Head form B acc. to DIN EN 50446, or larger MiniPAQ R230: DIN-Rail 35 mm according to EN IEC 60715
Configuration	ConSoft PC-Software or App INOR Connect
Wireless connectivity	NFC and Bluetooth®*

* Bluetooth® communication is only supported together with ICON-BT

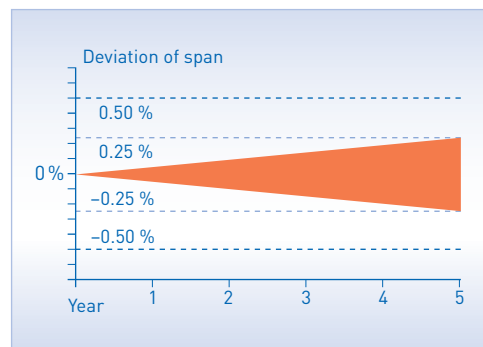
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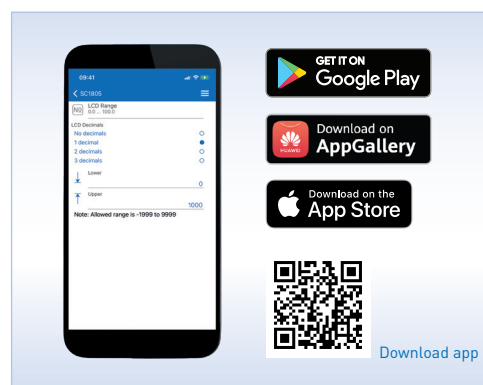
Reliable over time

Minimal drift of $\pm 0.05^\circ\text{C}$ or $\pm 0.05\%$ of span/ year reduces the need for calibration.



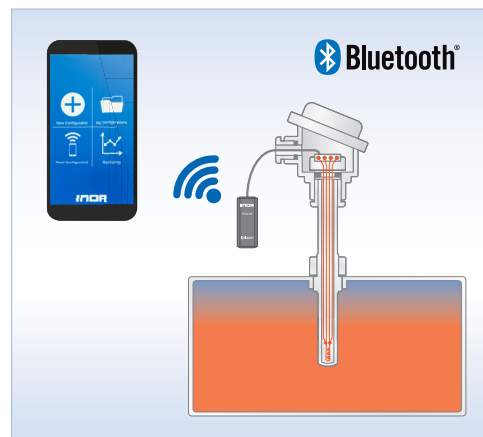
Configure via the app INOR Connect

Configure the display wirelessly without supply voltage and cables.



Bluetooth® communication via ICON-BT

Monitor and configure your transmitter even in the tightest mounting locations.



Ordering information

Transmitter	
MiniPAQ C230	70C2300011
MiniPAQ R230	70R2300011
Configuration tools	
ICON-X, PC Configuration kit	70CFGUSX01
ICON-BT, Bluetooth® configuration kit	70CFGBT001
PC Software ConSoft	www.inor.com
Smartphone-app INOR Connect	Google Play App Store AppGallery