



2025

## PRODUCT OVERVIEW

Temperature Transmitters, Field housing, Indicators, Signal Isolators, Configurations kits, Compact sensors

- Complete range of Transmitters for in-head and DIN-rail mounting
- App for wireless configuration and monitoring via NFC and Bluetooth
- Loop Powered Isolators and Isolation Transmitters
- Field Housing & Indicators
- Compact sensors for OEM applications

# Temperature Transmitters



## APAQ C/R 130<sup>TC</sup>

Digital 2-wire Transmitters for Thermocouple

Input: TC  
 Output: 4-20mA  
 Configuration: App (via NFC)  
 Accuracy TC: Type E, J, K, N: ±1 K or ±0,2 % of span  
 Type B, R, S, T: ±2 K or ±0,2 % of span



## APAQ C/R 130<sup>RTD</sup>

Digital 2-wire Transmitters for Pt100/Pt1000

Input: RTD  
 Output: 4-20mA  
 Configuration: App (via NFC)  
 Accuracy RTD: ±0.15% of Span



## MiniIPAQ C/R 230

Universal Programmable 2-wire Transmitter

Input: RTD, TC, Ω  
 Output: 4-20mA  
 Configuration: PC (via USB interface)  
 App (via NFC or Bluetooth®)  
 Accuracy: ±0,1% of Span



## IPAQ C202

Programmable 2-wire Transmitter for Pt100 sensors

Input: RTD  
 Output: 4-20mA  
 Configuration: PC (via USB Interface)  
 Accuracy: ±0.1% of Span  
 Approvals: ATEX & IECEx



## IPAQ C310<sup>RTD</sup>

Programmable 2-wire RTD transmitter

Input: RTD and Ω  
 Output: 4-20mA  
 Configuration: PC (via USB interface)  
 App (via NFC or Bluetooth®)  
 Accuracy: ±0,1% of Span  
 Isolation: 1500 VAC



## IPAQ C/R 330

Universal Programmable 2-wire Transmitter

Input: RTD, TC, Ω, mV  
 Output: 4-20mA  
 Configuration: PC (via USB Interface)  
 App (via NFC or Bluetooth®)  
 Accuracy: ±0.08% of Span  
 Isolation: 1500 VAC  
 Approvals: ATEX / IECEx / cFMus





### IPAQ C/R 530

**HART® Universal  
2-wire Transmitter**

Input: RTD, TC,  $\Omega$ , mV  
 Output: 4-20mA, HART®7  
 Configuration: PC (via USB Interface)  
 App (via NFC or Bluetooth®)  
 HART, DD, DTM  
 Accuracy:  $\pm 0.08\%$  of Span  
 Isolation: 1500 VAC  
 Approvals: ATEX / IECEx / cFMus



### IPAQ C/R 520

**HART® Universal Dual-input  
2-wire Transmitter**

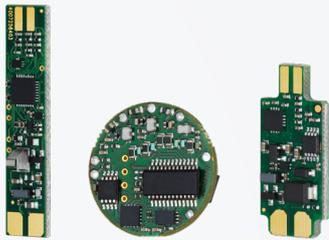
Input: RTD, TC,  $\Omega$ , mV  
 Output: 4-20 mA, HART®  
 Configuration: PC (via USB Interface)  
 HART, DD, DTM  
 Accuracy:  $\pm 0.05\%$  of Span  
 Isolation: 1500 VAC  
 Approvals: ATEX / IECEx / SIL2



### mA input adapter with IPAQ R330

**Programmable 2-wire mA  
transmitter**

Input: -1...+100mA  
 Output: 4-20mA  
 Configuration: PC (via USB interface)  
 App (via NFC or  
 Bluetooth®)  
 Accuracy:  $\pm 0,1\%$  of Span  
 Isolation: 1500 VAC



### OEM 202P/R/W

**Digital Temperature Transmitters  
to be built in**

Input: Pt100, Pt1000  
 Output: 4-20 mA  
 Configuration: PC (via USB Interface)  
 Accuracy:  $\pm 0.1\%$  of Span  
 Power supply: 5.0...32.0 VDC

*Customizable design to fit your needs*



### IPAQ R460

**4-wire, High Isolation Temperature  
Transmitter**

Input: RTD, TC,  $\Omega$ , mV, KTY  
 Output: 0/4-20mA, 0/2-10V  
 Configuration: DIP switch or PC (via USB  
 Interface)  
 Accuracy:  $\pm 0,1\%$  of Span  
 Isolation: 3000 VAC



### SR361

#### Alarm switch

Input: 0[4]-20mA / 0-10V  
 Output: 2x relay contact  
 250VAC / 6A  
 Configuration: Dip-switch  
 Accuracy: 0,2% of Span  
 Isolation: 4000 VAC  
 Power supply: 24 VDC



### SR336

#### Alarm switch

Input: RTD / Resistance 0...3 kΩ  
 Output: 2x relay contact  
 250VAC / 6A  
 Configuration: Dip-switch  
 Accuracy: 0,2% of Span  
 Isolation: 4000 VAC  
 Power supply: 24 VDC

## Isolators and Isolation Transmitters



### IsoPAQ-611/-612

#### 1- & 2-channel Loop Powered Isolators for separation of 0[4]-20 mA Signals

Type: Passive  
 Signal: mA  
 Isolation level: 3 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: 6 mm line



### IsoPAQ-610

#### Transmitter repeater for powering and isolation of 2-,3- and 4-wire transmitters

Type: Active  
 Signal: Transmitter  
 Isolation level: 3 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: 6 mm line



### IsoPAQ-632

#### Signal Splitter/Repeater with double outputs for mA and V signals

Type: Active  
 Signal: mA/V  
 Isolation level: 3 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: 6 mm line



### IsoPAQ-641

#### High-performance isolation transmitter for mA/V Signals with calibrated range selection

Type: Active  
 Signal: mA/V  
 Isolation level: 3 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: 6 mm line



### IsoPAQ-661

#### Isolation transmitter for Bipolar and Unipolar mA/V signals with calibrated range selection

Type: Active  
 Signal: mA/V  
 Isolation level: 3 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: 6 mm line



### IsoPAQ-110R

#### Transmitter Repeater for Powering and Isolation of 2-wire Transmitters

Type: Active  
 Signal: Transmitter  
 Isolation level: 2.5 kv, 50 Hz  
 Accuracy: ±0.1% FS  
 Working Voltage: 600 VAC/DC  
 Housing: Compact line



### IsoPAQ-110L

1- & 2-channel Loop Powered Isolators for 0(4)-20 mA Signals

Type: Passive  
 Signal: mA  
 Isolation level: 2.5 kv, 50 Hz  
 Accuracy:  $\pm 0.15\%$  FS  
 Housing: Compact line



### IsoPAQ-131P

Isolation Transmitter for Unipolar mA/V Signals with Fixed Ranges

Type: Active  
 Signal: Transmitter  
 Isolation level: 3 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Compact line



### IsoPAQ-21L/-22L

1- & 2-channel Loop Powered Isolators for 0(4)-20 mA Signals with High Isolation and Protective Separation

Type: Passive  
 Signal: mA  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Standard line



### IsoPAQ-30P

Basic Isolation Transmitter for Unipolar mA/V Signals with Calibrated Range Selection

Type: Active  
 Signal: mA/V  
 Isolation level: 2.5 kv, 50 Hz  
 Accuracy:  $\pm 0.3\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Standard line



### IsoPAQ-40P

High-performance Isolation Transmitter for Unipolar mA/V Signals with Calibrated Range Selection

Type: Active  
 Signal: mA/V  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Standard line



### IsoPAQ-41P

High-performance Isolation Transmitter for Unipolar mA/V Signals with Fixed Ranges

Type: Active  
 Signal: mA/V  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Standard line



### IsoPAQ-51P

High-performance Isolation Transmitter for Unipolar mA Signals with Fixed Range and Zero/Span Adjustment

Type: Active  
 Signal: mA  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 600 VAC/DC  
 Housing: Standard line



### IsoPAQ-60P

High-performance Isolation Transmitter for Bipolar and Unipolar mA/V Signals with Extensive Range Selection and Zero/Span Adjustment

Type: Active  
 Signal: mA/V  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 1000 VAC/DC  
 Housing: Standard line



### IsoPAQ-80S

High-performance Isolation Transmitter for Bipolar and Unipolar Shunt Voltages with Extensive Range Selection and Zero/Span Adjustment

Type: Active  
 Signal: V  
 Isolation level: 4 kv, 50 Hz  
 Accuracy:  $\pm 0.1\%$  FS  
 Working Voltage: 1000 VAC/DC  
 Housing: Standard line

# Field housing and Indicators



## LCD-H300 Aluminium

### Field housing

Input: 4...20 mA  
 Display: 4-digit LCD with backlight  
 Configuration: App (via NFC) or Push-buttons  
 Housing: Field housing aluminium, M20 or 1/2" NPT threads



## LCD-H300 Stainless steel

### Field housing

Input: 4...20 mA  
 Display: 4-digit LCD with backlight  
 Configuration: App (via NFC) or Push-buttons  
 Housing: Field housing stainless steel, M20 or 1/2" NPT threads



## LCD-H210

### Indicator built into BUZ-HW

Input: 4...20 mA  
 Display: 4-digit LCD with backlight  
 Configuration: App (via NFC) or Push-buttons  
 Housing: Connection head aluminium, Cable entry thread M20x1.5, Process thread M24x1.5



## LCD-W110

### Wall mounted indicator

Input: 4...20 mA  
 Display: 4-digit LCD with backlight  
 Configuration: App (via NFC) or Push-buttons  
 Housing: Rectangular PC box with 2xM20 cable glands



## LCD-D100

### Loop powered LCD display module

Input: 4...20 mA  
 Display: 4-digit LCD with backlight  
 Configuration: App (via NFC) or Push-buttons

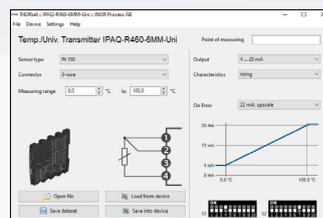


# Configuration Software



## ConSoft

Download the PC-software ConSoft at [www.inor.com](http://www.inor.com)



## INOR-Set

Download the PC-software INOR-Set to configure IPAQ R460 at [www.inor.com](http://www.inor.com)



## INOR Connect

Download the app INOR Connect

## Configuration kits



### ICON-X

**Ex-certified Transmitter Configuration Kit**

Type: PC configuration  
 Communication: USB  
 Galvanic isolation: 1500 VAC  
 Ex approval: ATEX, IECEx, cFMus



### ICON-BT

**Configuration kit for wireless configuration and monitoring**

Type: Wireless configuration  
 Communication: Bluetooth®  
 Size: 71 x 28 x 24 mm  
 Fits: IPAQ 330 and IPAQ 530



### INOR-Set

**Configuration kit for configuration and monitoring**

Type: PC configuration  
 Communication: USB  
 Galvanic isolation: 4000 VAC  
 Fits: IPAQ R460

## Compact sensors



### TRA-C10

**Hygienic compact sensor with M12 connector**

Process connection: Flange  
 Diameter: 6 mm  
 Protection class: IP67  
*Integrated transmitter optional*



### TRA-C20

**Compact sensor with Valve EN 175301-803 connector**

Process connection: Screw-in  
 Diameter: 6 mm  
 Protection class: IP65  
*Integrated transmitter optional*



### TRA-C30

**Compact sensor with M12 connector**

Process connection: Screw-in  
 Diameter: 6 mm  
 Protection class: IP67  
*Integrated transmitter optional*



### TRA-C40

**Compact sensor with M12 connector**

Process connection: Plug-in  
 Diameter: 3 / 6 mm  
 Protection class: IP67



### TRA-C50

**Compact sensor with M12 connector**

Process connection: Screw-in  
 Diameter: 3 mm  
 Protection class: IP67



## INOR product overview

- Temperature Transmitters
- Isolators & Isolation Transmitters
- Field Housing & Indicators
- Temperature Sensors
- Accessories
- Services

## Contact

### Head office

Inor Process AB  
PO Box 9125  
SE-200 39 Malmö  
Sweden

Phone: +46-(0)40-312560

E-mail: [sales@inor.se](mailto:sales@inor.se)

[www.inor.com](http://www.inor.com)

## Global partners and representatives

The current list of all INOR contacts and addresses can be found at:

[www.inor.com/partners](http://www.inor.com/partners)

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