



PRODUCT OVERVIEW

Temperature Transmitters, 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
- Complete range of Loop Powered Isolators and Isolation Transmitters
- Selection of Loop Powered Indicators
- Compact sensors for OEM applications

Temperature Transmitters



APAQ C/R 130^{TC}

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^{RTD}

Digital 2-wire Transmitters
for Pt100/Pt1000

Input: RTD
Output: 4-20mA
Configuration: App (via NFC)
Accuracy RTD: ±0.15% 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 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, Ω, mV
Output: 4-20mA, HART®7
Configuration: PC (via USB Interface)
App (via NFC or Bluetooth®)
HART, DD, DTM
Accuracy: ±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, Ω, mV
Output: 4-20 mA, HART®
Configuration: PC (via USB Interface)
HART, DD, DTM
Accuracy: ±0.05% of Span
Isolation: 1500 VAC
Approvals: ATEX / IECEx / SIL2





APAQ-3HPT/-3LPT

Analog Adjustable 3-wire Transmitter

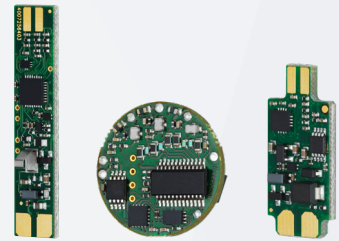
Input: RTD, Pt100
 Output: 0-10 V
 Configuration: Solder pads and potentiometers
 Accuracy: $\pm 0.15\%$ of Span



IPAQ R460

4-wire, High Isolation Temperature Transmitter

Input: RTD, TC, Ω , 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



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

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: $\pm 0.1\%$ 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: $\pm 0.1\%$ 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: $\pm 0.1\%$ 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: $\pm 0.1\%$ 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: $\pm 0.1\%$ 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: $\pm 0.1\%$ 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-H30

Loop Powered Heavy-duty
LCD Field Indicator

Material: Aluminium
Protection: IP 68
Digit size: 8.89 mm, backlight
Mounting: Wall mount or
2" pipe clamp



LCD-H20

Loop Powered LCD Indicator
for In-head Mounting

Material: Aluminium
Protection: IP 65
Digit size: 12 mm
Mounting: Sensor



LED-W11X

Loop Powered & Ex-approved
LED Indicator for Gas Zone 1 & 2

Material: Aluminium
Protection: IP 65
Digit size: 14.2 mm
Mounting: Rail, Wall mount or
2" pipe clamp

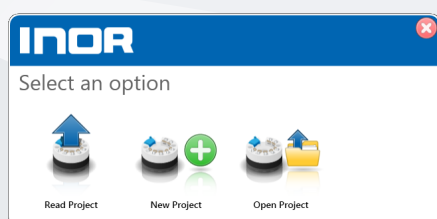


LED-W11

Loop Powered LED Indicator
for Field Mounting

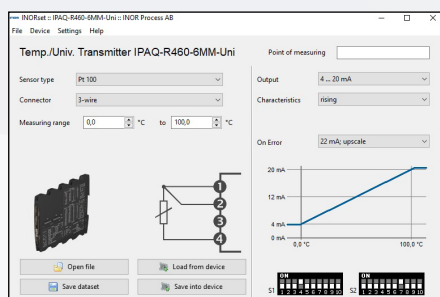
Material: Plastic
Protection: IP 65
Digit size: 14.2 mm
Mounting: Rail, Wall mount or
2" pipe clamp

Configuration Software



ConSoft

Download the PC-software
ConSoft at www.inor.com



INOR-Set

Download the PC-software INOR-Set to
configure IPAQ R460 at 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

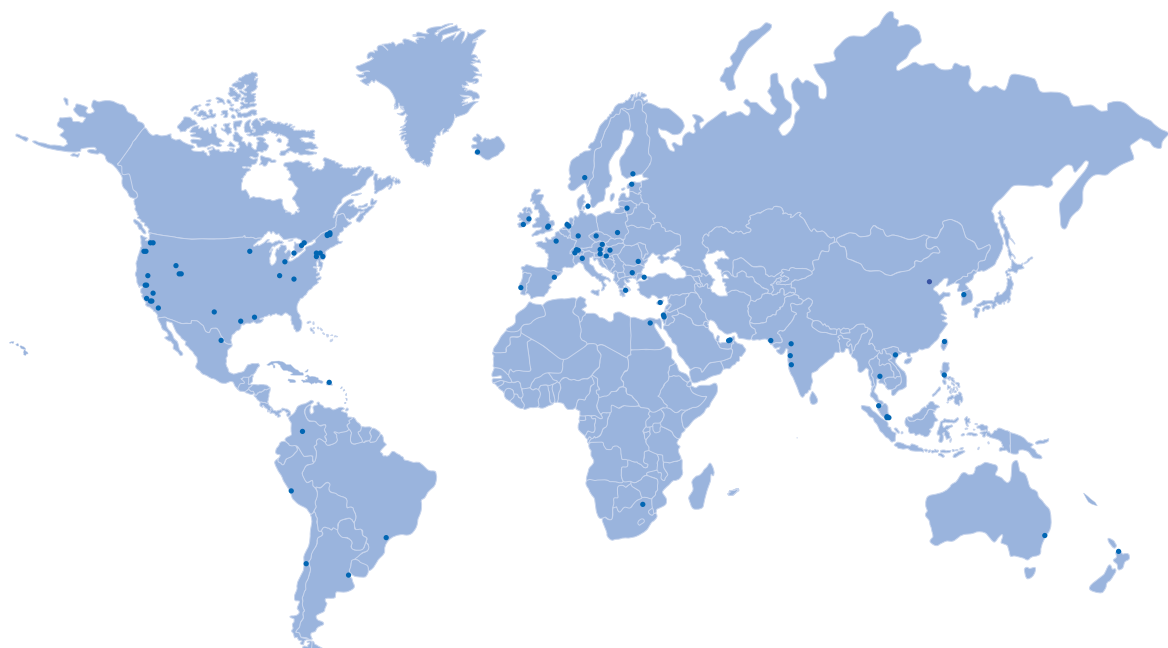
Process connection: Plug-in
Diameter: 3 / 6 mm
Protection class: IP67



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

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