2023

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

INOR

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

NFC

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

NFC

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

NFC

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

HART COMMUNICATION PROTOCOL

NFC

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

HART COMMUNICATION PROTOCOL

APAQ-3HPT/-3LPT

Analog Adjustable 3-wire Transmitter
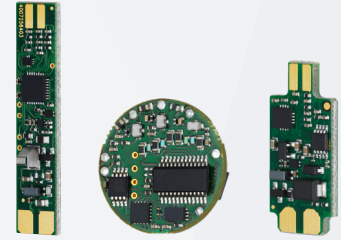
Input:	RTD, Pt100
Output:	0-10 V
Configuration:	Solder pads and potentiometers
Accuracy:	±0.15% of Span

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:	±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:	±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:	±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:	±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:	±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:	±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:	±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:	±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:	±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:	±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:	±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:	±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

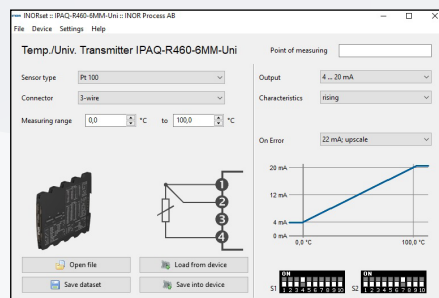|	
Material:	Plastic
Protection:	IP 65
Digit size:	14.2 mm
Mounting:	Rail, Wall mount or 2" pipe clamp

Configuration Software
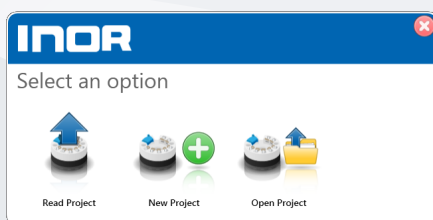
ConSoft

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 with M12 connector

Process connection:	Screw-in
Diameter:	6 mm
Protection class:	IP67

Integrated transmitter optional

TRA-C40

Compact sensor with with M12 connector

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

TRA-C50

Compact sensor with with M12 connector

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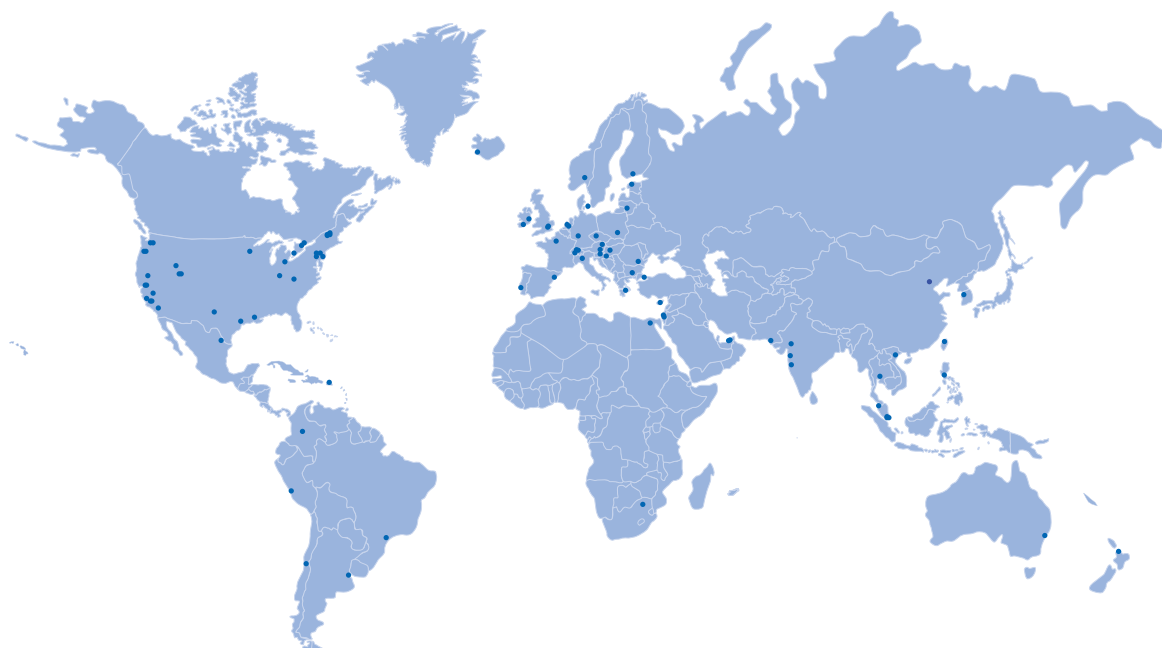
INOR product overview

- 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
www.inor.com

Global partners and representatives

The current list of all INOR contacts and addresses can be found at:
www.inor.com/partners

INOR