2021

PRODUCT OVERVIEW

Temperature Transmitters, Alarm Units, 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
- Alarm Units for monitoring of temperature and process signals
- Selection of Loop Powered Indicators
- Compact sensors for OEM applications

INOR

Temperature transmitters

APAQ C/R 130

Programmable 2-wire Transmitter
for Pt100 & Pt1000 sensors

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

NFC

IPAQ C/R 202

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 C202)

Ex **IEC** **IECEx**

MINIPAQ-HLP/-L

Basic Programmable
2-wire Transmitter

Input:	RTD, T/C
Output:	4-20mA
Configuration:	PC (via USB Interface)
Accuracy:	±0.15% of Span

IPAQ C/R 330

Universal Programmable
2-wire Transmitter

Input:	RTD, T/C, 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

Ex **IEC** **IECEx** **FM APPROVED**

NFC

IPAQ C/R 530

HART® Universal
2-wire Transmitter

Input:	RTD, T/C, Ω, mV
Output:	4-20mA, HART®7
Configuration:	PC (via USB Interface)
	App (via NFC or Bluetooth®)
	HART, DD, DTM
Accuracy:	±0.1% of Span
Isolation:	1500 VAC
Approvals:	ATEX / IECEx / cFMus

Ex **IEC** **IECEx** **FM APPROVED**

HART COMMUNICATION PROTOCOL

NFC

IPAQ C/R 520

HART® Universal Dual-input
2-wire Transmitter

Input:	RTD, T/C, 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

Ex **IEC** **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-4L

4-wire, High Isolation Temperature Transmitter

Input:	RTD, T/C, Ω, mV, V, mA
Output:	0/4-20mA, 0/2-10V
Configuration:	PC (via USB Interface)
Accuracy:	±0.1% of Span
Isolation:	4000 VAC

IPAQ-21LX

Universal 1-channel programmable 2-wire Transmitter

Input:	RTD, T/C, Ω, mV
Output:	4-20 mA / 20-4 mA
Configuration:	PC (via USB Interface)
Accuracy:	±0.1% of Span
Isolation:	1500 VAC
Approvals:	ATEX

IPAQ-22LX

Universal 2-channels programmable 2-wire Transmitter

Input:	RTD, T/C, Ω, mV
Output:	4-20 mA / 20-4 mA
Configuration:	PC (via USB Interface)
Accuracy:	±0.1% of Span
Isolation:	1500 VAC
Approvals:	ATEX
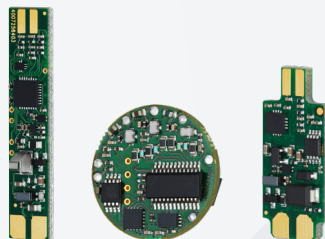
OEM 202P/R/W

Digital temperature transmittersto 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

Alarm units

SR335

Alarm Unit with Pt100 Input and Double Relay Outputs

Input:	Pt100, Pt200, Pt500, Pt1000
Typical Accuracy:	±0.2% of span
Power supply:	24 VAC/DC

SR360

Alarm Unit with mA/V Input and Double Relay Outputs

Input:	Current, Voltage
Typical Accuracy:	±0.2% of span
Power supply:	24 VAC/DC

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

LCD-W11

Loop Powered LCD Indicator
for Field Mounting

Material:	Plastic
Protection:	IP 65
Digit size:	17.8 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
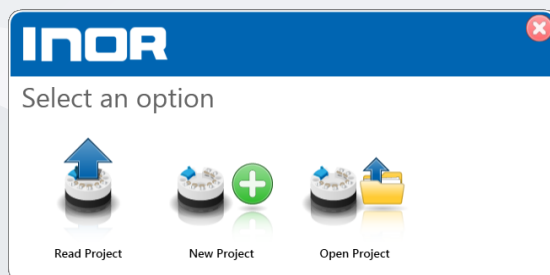
ConSoft

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

INOR Connect

Download the app INOR Connect

GET IT ON Google Play   Download on the App Store   Download on AppGallery

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

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
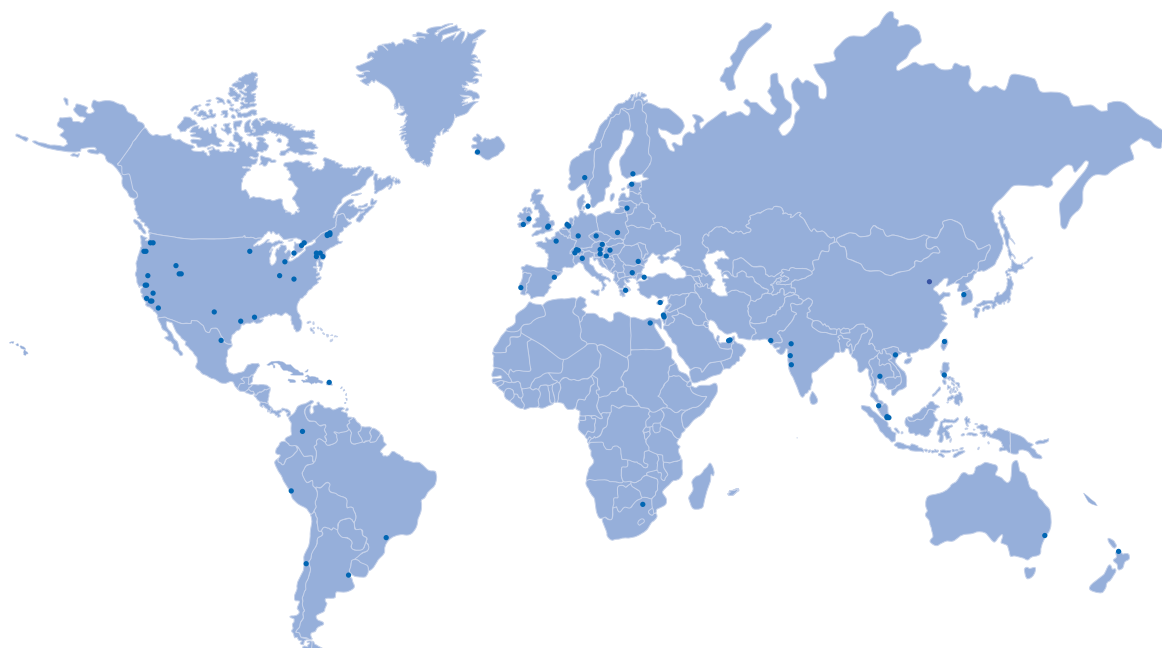
Compact sensor with with M12 connector

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

• Alarm Units

• Temperature Sensors

• Accessories

• Services

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