

Temperature Transmitter Selection Table

	BASIC				UNIVERSAL				SMART	
	APAQ C130 ^{TC} APAQ R130 ^{TC}	APAQ C130 ^{RTD} APAQ R130 ^{RTD}	APAQ-3HPT APAQ-3LPT	IPAQ C202 IPAQ R202	MINIPAQ-HLP MINIPAQ-L	IPAQ C330 IPAQ R330	IPAQ-H ^{PLUS} IPAQ-L ^{PLUS}	IPAQ-4L	IPAQ C530 IPAQ R530	IPAQ C520 IPAQ R520
Type										
In-head transmitter	✓	✓	✓	✓	✓	✓	✓	-	✓	✓
Rail transmitter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Output / Power Supply connection	2-wire transmitter	2-wire transmitter	3-wire transmitter	2-wire transmitter	2-wire transmitter	2-wire transmitter	2-wire transmitter	4-wire transmitter	2-wire transmitter	2-wire transmitter
Available Certificates										
Ex Certification / Intrinsically safe	-	-	-	ATEX, IECEx (In-head)	-	ATEX, IECEx, cFMus	-	-	ATEX, IECEx, cFMus	ATEX, IECEx
Functional safety	-	-	-	-	-	-	-	-	-	SIL 2
Input										
Resistance thermometer	-	2-, 3- or 4-wire	3-wire	3-wire	3- or 4-wire	2-, 3- or 4-wire	3- or 4-wire	3- or 4-wire	2-, 3- or 4-wire	2-, 3- or 4-wire
Thermocouple	B, E, J, K, N, R, S, T	-	-	-	B,C,E,J,K,L,N,R,S,T,U	B,C,D,E,J,K,N,R,S,T	B,C,E,J,K,L,N,R,S,T,U	B,C,E,J,K,L,N,R,S,T,U	B,C,D,E,J,K,N,R,S,T	B,C,D,E,J,K,N,R,S,T
Other input types	-	-	-	-	-	mV, Ω	mV, Ω	mV, Ω, V, mA	mV, Ω	mV, Ω
Input / Channel										
1 input channel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 input channels	-	-	-	-	-	-	-	-	-	✓
Output										
4-20 mA	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
0-10 V	-	-	✓	-	-	-	-	✓	-	-
HART®	-	-	-	-	-	-	-	-	✓	✓
Accuracy										
Typical Accuracy	±0.2%	±0.15%	±0.15%	±0.1%	±0.15%	±0.08%	±0.05%	±0,1%	±0.08%	±0.05%
Electrical separation										
Galvanic isolation	-	-	-	-	-	1500 VAC	3750 VAC	4000 VAC	1500 VAC	1500 VAC
Power Supply										
24 VDC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
230 VAC	-	-	-	-	-	-	-	✓	-	-
Configuration										
PC software ConSoft (USB)	-	-	-	✓	✓	✓	✓	✓	✓	✓
HART®	-	-	-	-	-	-	-	-	✓	✓
NFC™	✓	✓	-	-	-	✓	-	-	✓	-
Bluetooth®	-	-	-	-	-	✓	-	-	✓	-
Accessories										
Configuration kit ICON-X ¹⁾	-	-	-	✓	✓	✓	✓	✓	✓	✓
Configuration kit ICON-BT ²⁾	-	-	-	-	-	✓	-	-	✓	-
App INOR Connect ³⁾	✓	✓	-	-	-	✓	-	-	✓	-

1) ICON-X is a configuration tool provided by INOR to configure most temperature transmitters. The communication with the connected transmitter is automatically established with the ConSoft software. ICON-X also has built-in protection for Ex-certified transmitters.



2) ICON-BT, offers a possibility to configure and monitor transmitters. Connect your smartphone/tablet via Bluetooth to the transmitter and configure it via the INOR Connect app. An external power supply is not required.



3) Mobile app for wireless configuration of the transmitter series APAQ 130, IPAQ 330 and IPAQ 530 via NFC. Just download INOR Connect.

