

# Temperature Transmitter Selection Table

	BASIC				UNIVERSAL		SMART	
	APAQ C130 <sup>TC</sup> APAQ R130 <sup>TC</sup>	APAQ C130 <sup>RTD</sup> APAQ R130 <sup>RTD</sup>	IPAQ C202	IPAQ C310 <sup>RTD</sup>	IPAQ C330 IPAQ R330	IPAQ R460	IPAQ C530 IPAQ R530	IPAQ C520 IPAQ R520
Type								
In-head transmitter	✓	✓	✓	✓	✓	-	✓	✓
Rail transmitter	✓	✓	-	-	✓	✓	✓	✓
Output / Power Supply connection	2-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	2-, 3- or 4-wire	2-, 3- or 4-wire	2-, 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, D, 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, D, E, J, K, N, R, S, T
Other input types	-	-	-	Ω	mV, Ω	mV, Ω, KTY	mV, Ω	mV, Ω
Input / Channel								
1 input channel	✓	✓	✓	✓	✓	✓	✓	✓
2 input channel	-	-	-	-	-	-	-	✓
Output								
4-20 mA	✓	✓	✓	✓	✓	✓	✓	✓
0-10 V	-	-	-	-	-	✓	-	-
HART®	-	-	-	-	-	-	✓	✓
Accuracy								
Typical Accuracy	±0.2%	±0.15%	±0.1%	±0.1%	±0.08%	±0,1%	±0.08%	±0.05%
Electrical separation								
Galvanic isolation	-	-	-	1500 VAC	1500 VAC	3000 VAC	1500 VAC	1500 VAC
Power Supply								
24 VDC	✓	✓	✓	✓	✓	✓	✓	✓
Configuration								
PC software ConSoft (USB)	-	-	✓	✓	✓	-	✓	✓
HART®	-	-	-	-	-	-	✓	✓
NFC™	✓	✓	-	✓	✓	-	✓	-
Bluetooth®	-	-	-	✓	✓	-	✓	-
DIP-Switch / PC software INOR-Set (USB)	-	-	-	-	-	✓	-	-
Accessories								
Configuration kit ICON-X <sup>1)</sup>	-	-	✓	✓	✓	-	✓	✓
Configuration kit ICON-BT <sup>2)</sup> / INOR-Set <sup>3)</sup>	-	-	-	ICON-BT	ICON-BT	INOR-Set	ICON-BT	-
App INOR Connect <sup>4)</sup>	✓	✓	-	✓	✓	-	✓	-

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. 3) INOR-Set is an USB-Interface for connecting the transmitter to a PC and configure with PC software INOR-Set.



4) Mobile app for wireless configuration of the transmitter series APAQ 130, IPAQ C310<sup>RTD</sup>, IPAQ 330 and IPAQ 530 via NFC. Just download INOR Connect.

