

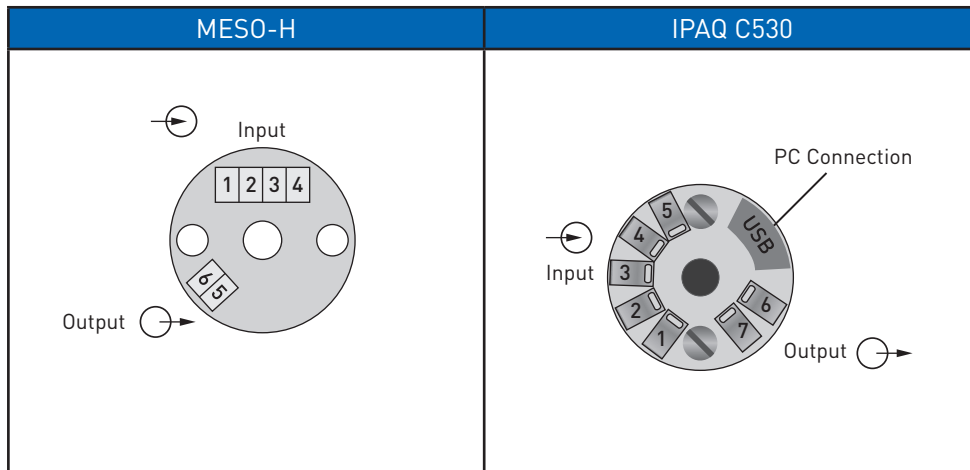
How to replace MESO-H/-L with IPAQ 530

Cross reference list

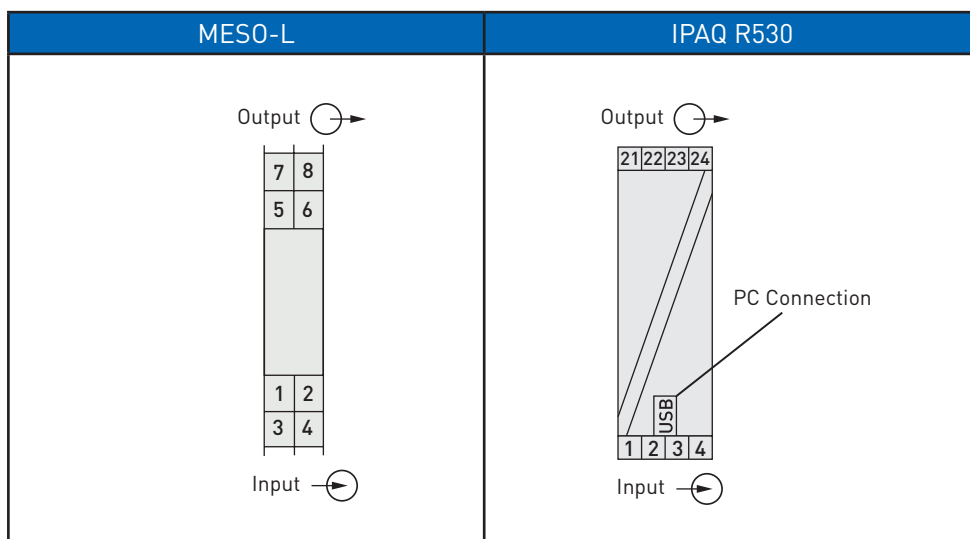
This document will help you to replace the MESO-H/-L with the fully compatible IPAQ C/R530. The product can be replaced according to the list below.

- MESO-H → IPAQ C530
- MESO-HX → IPAQ C530X
- MESO-L → IPAQ R530 / IPAQ R530X

Input and Output terminals



Terminals	
MESO-H	IPAQ C530
1	1
2	2
3	3
4	4
5	6
6	7
N/A	5



Terminals	
MESO-L	IPAQ R530
1	1
2	2
3	3
4	4
5	21
6	22
7	23
8	24

MESO-H and IPAQ C530 Connection diagram

RTD 2-wire		RTD 3-wire	
MESO-H	IPAQ C530	MESO-H	IPAQ C530
N/A			
RTD 4-wire		RTD Diff temperature T1 > T2	
MESO-H	IPAQ C530	MESO-H	IPAQ C530
			N/A
Resistance 2-wire		Resistance 3-wire	
MESO-H	IPAQ C530	MESO-H	IPAQ C530
N/A			
Resistance 4-wire		Thermocouple	
MESO-H	IPAQ C530	MESO-H	IPAQ C530
Thermocouple with external CJC (P100, 3-wire)		Potentiometer	
MESO-H	IPAQ C530	MESO-H	IPAQ C530
N/A		N/A	
Voltage		Output	
MESO-H	IPAQ C530	MESO-H	IPAQ C530

* Smartsense

*2) For higher accuracy use 3-wire connection and short 1 and 2

MESO-L and IPAQ R530 Connection diagram

RTD 2-wire		RTD 3-wire	
MESO-L	IPAQ R530	MESO-L	IPAQ R530
N/A			
RTD 4-wire		RTD Diff temperature T1 > T2	
MESO-L	IPAQ R530	MESO-L	IPAQ R530
			N/A
Resistance 2-wire		Resistance 3-wire	
MESO-L	IPAQ R530	MESO-L	IPAQ R530
N/A			
Resistance 4-wire		Thermocouple	
MESO-L	IPAQ R530	MESO-L	IPAQ R530
Thermocouple with external CJC (P100, 3-wire)		Potentiometer	
MESO-L	IPAQ R530	MESO-L	IPAQ R530
N/A		N/A	
Voltage		Output	
MESO-L	IPAQ R530	MESO-L	IPAQ R530

* Smartsense

*2) For higher accuracy use 3-wire connection and short 1 and 2