



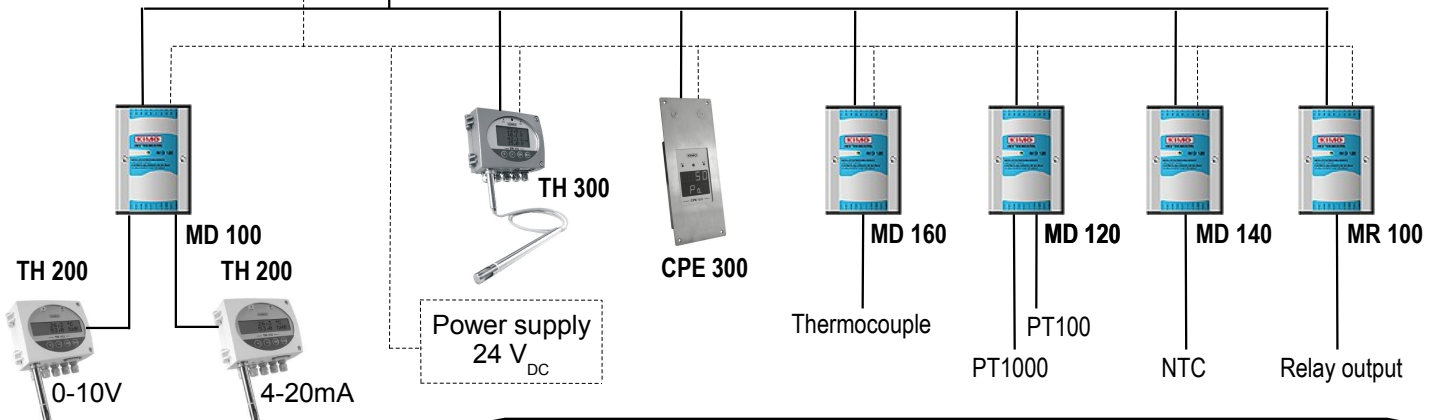
Converter Modules ML 100 and ML 120

ML100 and ML120 are able to convert signal from a PC (RS232 for ML100 and USB for ML120) into Modbus-enabled signal (RS485). These modules are used in "Master-slave" architecture.



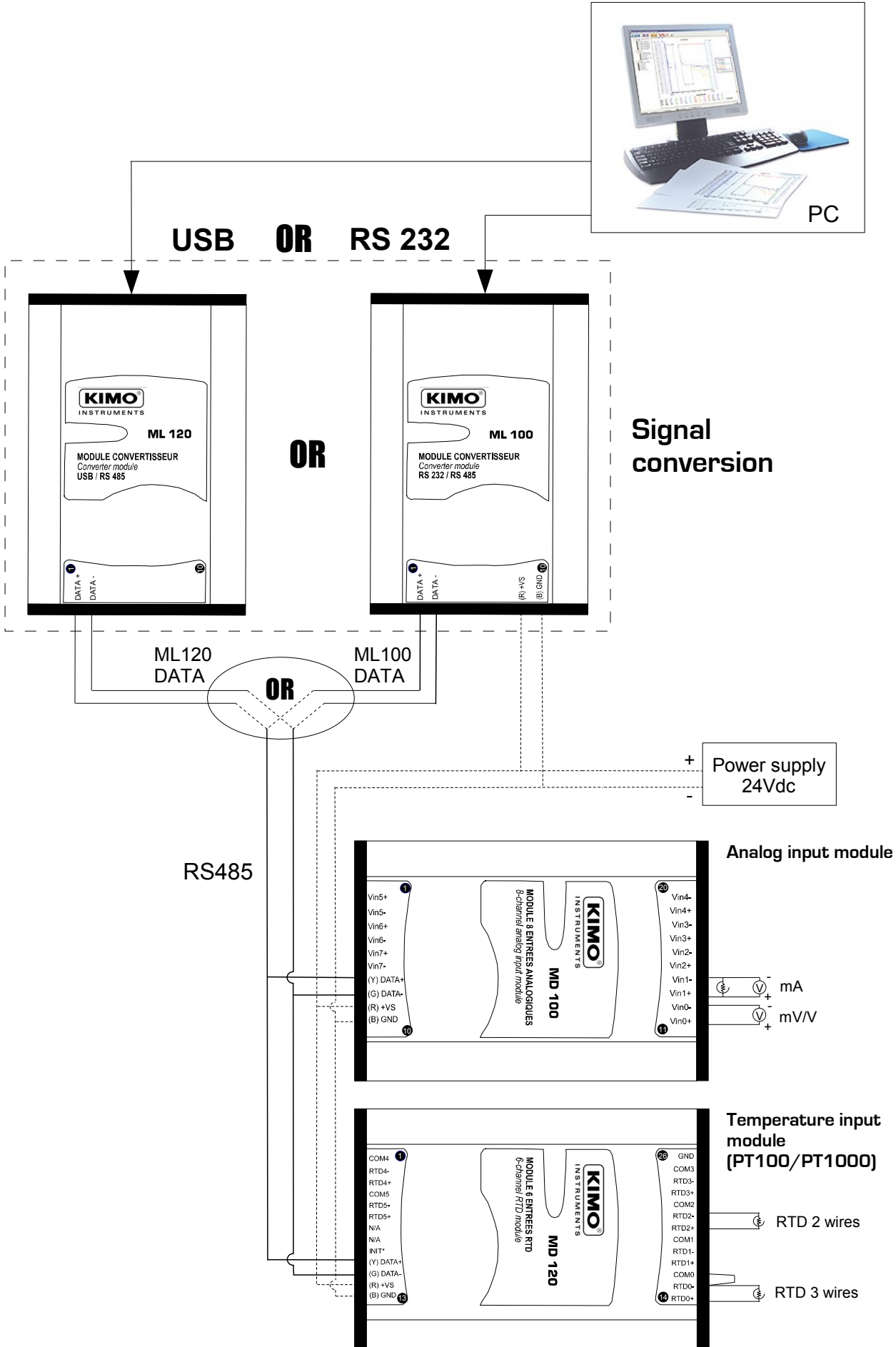
ML100 or ML120
Converters into RS485

RS 485



	ML 100	ML 120
	Converters RS232/RS485	Converters USB/RS485
Specifications		
<i>Connectors</i>	1 plug-in terminal block (#14-28AWG)(RS-485) 1 terminal block DB9-F (RS-232)	Network : USB-type A connector (type A to type B cable provided) Serial: 1 plug-in terminal block (#14-22AWG)
<i>Consumption</i>	1.2W @ 24V _{DC}	300 mA @ 5V (Max.)
<i>Dimensions</i>	31 x 70.5 x 102 mm	31 x 70.5 x 102 mm
<i>Housing</i>	Anodised aluminum	Anodised aluminum
<i>Mounting</i>	DIN rail, wall	DIN rail, wall
<i>Power supply</i>	Unregulated 10~30 V _{DC}	Unregulated 10~30 V _{DC}
Environment		
<i>Humidity</i>	From 5 to 95%RH	From 5 to 95%RH
<i>Operating temperature</i>	From -10 to +70°C	From -10 to +70°C
<i>Storage temperature</i>	From -25 to +85°C	From -25 to +85°C
Communications		
<i>Speed modes (bps)</i>	from 2400 bps to 115.2 kbps	from 2400 bps to 115.2 kbps
<i>Environnement logiciel</i>	-	Windows 98/2000/XP
<i>Transmission mode</i>	Full/Half duplex, bidirectionnal	Full/half duplex, bidirectionnal
<i>RS-232 signal</i>	-	Tx, Rx, GND
<i>USB compatibility</i>	-	V 1.1
<i>Distance max.</i>	-	4.6 m
<i>Isolation protection</i>	3000 V _{DC}	3000 V _{DC}

■ **Application wiring**



Ref. FTang - ML-100120- 02/07 A - We reserve the right to modify the characteristics of our products without notice.

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