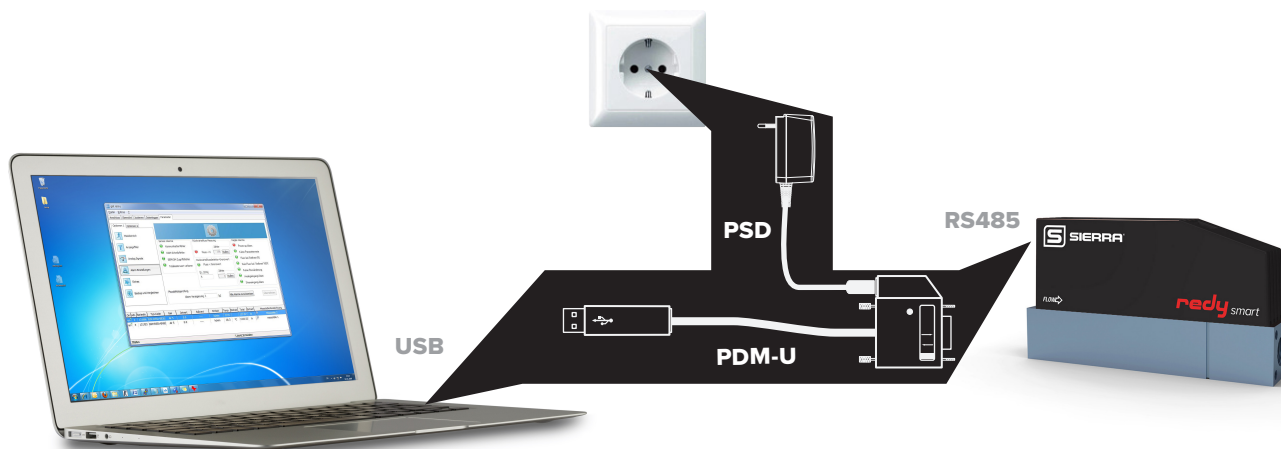


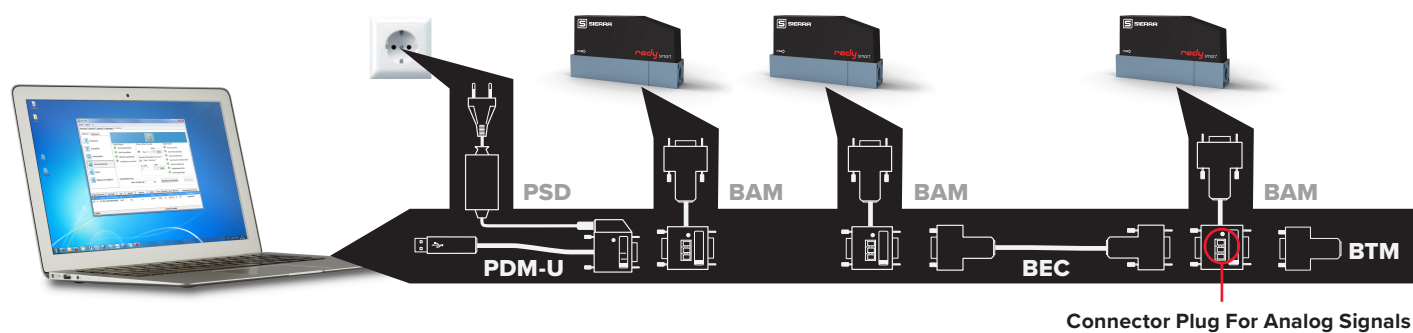
Connection of one thermal mass flow meter or controller to a PC:



The following cables are required:

Type	Description
PDM-U 328-2180	Power Digital Module USB (1.5m) Communication cable PC/red-y (active level converter USB/RS485)
PSD 328-2312 (US)	Plug-Type Power Supply Device (1.8m) Plug-type power supply 24Vdc, approx. 0.5A (12 W)

Connection of several thermal mass flow meters or controllers to a PC:

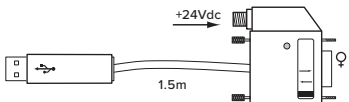
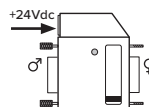
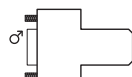
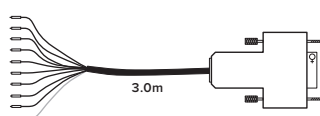
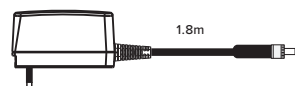
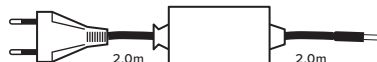
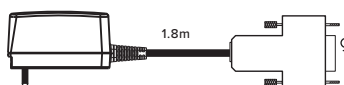


Example with 3 devices: the following cables are required

Type	Description	Quantity for above example
PDM-U 328-2180	Power Digital Module USB (1.5m) Communication cable PC/red-y (active level converter USB/RS485)	1
BAM 328-2151	Bus Analog Module (0.1m) For the connection of one device	3
BTM 328-2139	Bus Terminator Module Termination resistor for bus communication	1
PSD 328-2238 (US)	Desktop Power Supply Device (2m) Desktop power supply 24Vdc, approx. 2.2A (53 W)	1

Additional extension cables (BEC) and power supplies are available: See reverse side.

Overview Cables & Modules

PDM-U 328-2180		Power Digital Module USB (1.5m)													
		Communication cable PC/red-y galvanically separated Active level converter USB/RS485 Powered by power supply PSD													
BAM 328-2151		Bus Analog Module (0.1m)													
		D-Sub network node, digital switch with additional connector for analog setpoint and reading signals With pluggable screw terminal													
PSM 328-2152		Power Separator Module													
		D-Sub node with connector for power supply With isolator function to link an additional power supply PSD in the bus													
BEC		Bus Extension Cable (0.5/2.0/5.0m)													
		Extension cable for digital communication and analog signals	<table><tr><td>Lenght</td><td>Part-No.</td></tr><tr><td>0.5 m</td><td>328-2160</td></tr><tr><td>2.0 m</td><td>328-2161</td></tr><tr><td>5.0 m</td><td>328-2162</td></tr></table>	Lenght	Part-No.	0.5 m	328-2160	2.0 m	328-2161	5.0 m	328-2162				
Lenght	Part-No.														
0.5 m	328-2160														
2.0 m	328-2161														
5.0 m	328-2162														
BTM 328-2139		Bus Terminator Module													
		Termination resistor for bus communication Always recommended for a bus structure													
PAD 328-2103		Power Analog Digital Cable (3.0m)													
		D-sub connector with cable for connecting a measuring or control device to the power supply, to a PLC, or for operation with digital signals (Modbus RTU), as well as with analog setpoint and measured value signals. Loose ends with isolated crimp bootlace ferrules. This cable is replacing: PAC 328-2164 – Power Analog Cable (3.0m) PDC 328-2165 – Power Digital Cable (3.0m)													
PSD		Plug-Type Power Supply Device (1.8m)													
		Input: 100 – 240Vac, 50 – 60Hz Output: 24Vdc, approx. 0.5A (12W), connector with locking ring, dia. 2.1/5.5mm Additional exchangeable primary connectors on request	<table><tr><td>Plug</td><td>Part-No.</td></tr><tr><td>Euro</td><td>328-2311</td></tr><tr><td>US</td><td>328-2312</td></tr><tr><td>GB</td><td>328-2313</td></tr><tr><td>AU/NZ</td><td>328-2314</td></tr><tr><td>CN</td><td>328-2315</td></tr></table>	Plug	Part-No.	Euro	328-2311	US	328-2312	GB	328-2313	AU/NZ	328-2314	CN	328-2315
Plug	Part-No.														
Euro	328-2311														
US	328-2312														
GB	328-2313														
AU/NZ	328-2314														
CN	328-2315														
PSD		Desktop Power Supply Device (2m)													
		Input: 100 – 240Vac, 50 – 60Hz, 1.1A Output: 24Vdc, approx. 2.2A (53W), dia. 2.1/5.5mm	<table><tr><td>Plug</td><td>Part-No.</td></tr><tr><td>Euro</td><td>328-2233</td></tr><tr><td>US</td><td>328-2238</td></tr><tr><td>GB</td><td>328-2239</td></tr><tr><td>AU/NZ</td><td>328-2237</td></tr></table>	Plug	Part-No.	Euro	328-2233	US	328-2238	GB	328-2239	AU/NZ	328-2237		
Plug	Part-No.														
Euro	328-2233														
US	328-2238														
GB	328-2239														
AU/NZ	328-2237														
PSD		Plug-Type Power Supply Device for Display SPOT / SETSPOT (1.8m)													
		Plug-type power supply device for direct feeding of one red-y smart with display option (read-out/ operation via display function only) Input: 100 – 240Vac, 50 – 60Hz Output: 24Vdc, approx. 0.5A (12W), D-Sub connector Additional exchangeable primary connectors on request	<table><tr><td>Plug</td><td>Part-No.</td></tr><tr><td>Euro</td><td>328-2321</td></tr><tr><td>US</td><td>328-2322</td></tr><tr><td>GB</td><td>328-2323</td></tr><tr><td>AU/NZ</td><td>328-2324</td></tr><tr><td>CN</td><td>328-2325</td></tr></table>	Plug	Part-No.	Euro	328-2321	US	328-2322	GB	328-2323	AU/NZ	328-2324	CN	328-2325
Plug	Part-No.														
Euro	328-2321														
US	328-2322														
GB	328-2323														
AU/NZ	328-2324														
CN	328-2325														

You can find specific datasheets for all cables & modules at: www.sierrainstruments.com/products/redy-smart