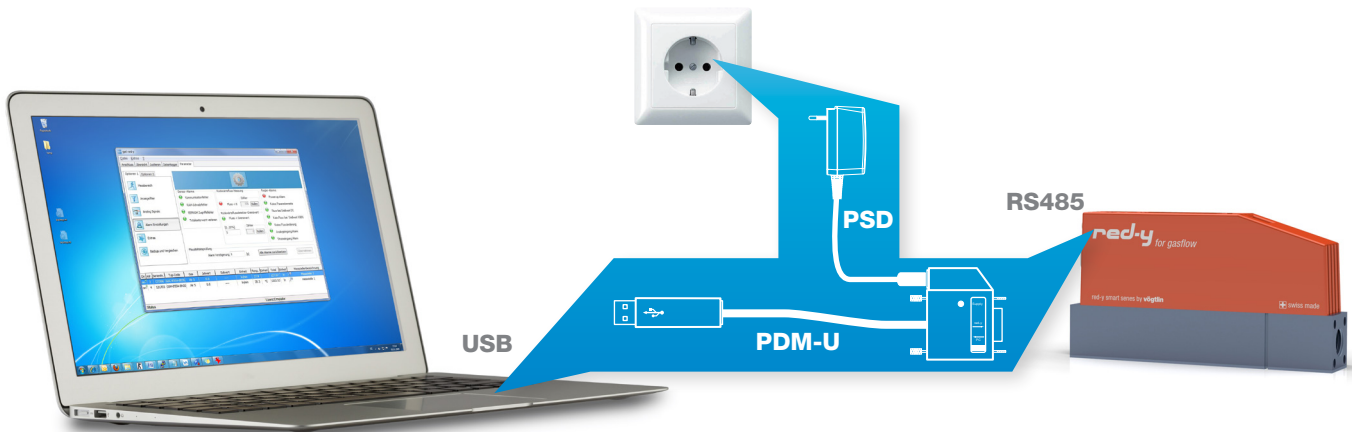


# Cable accessories for «red-y smart series»

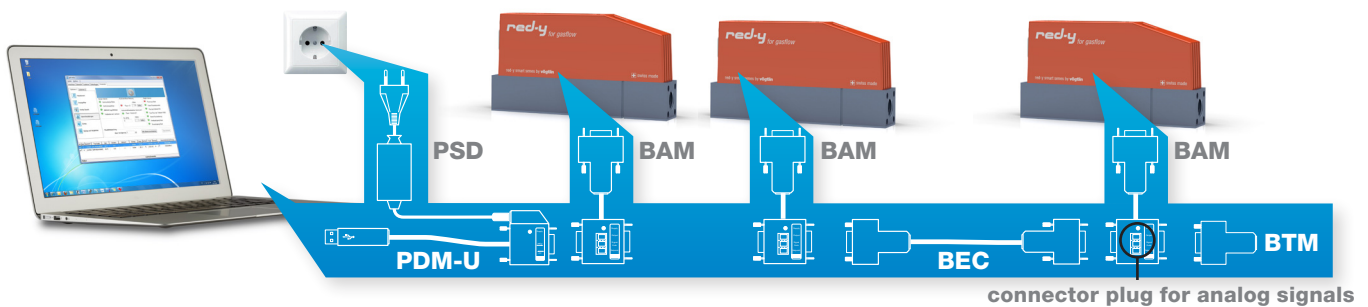
## Connection of one thermal mass flow meter or controller to a PC



### The following cables are required:

Type	Description
<b>PDM-U 328-2180</b>	<b>Power Digital Module USB (1.5m)</b> Communication cable PC/red-y (active level converter USB/RS485)
<b>PSD</b>	<b>Plug-Type Power Supply Device (1.8m)</b> 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
<b>PDM-U 328-2180</b>	<b>Power Digital Module USB (1.5m)</b> Communication cable PC/red-y (active level converter USB/RS485)	<b>1</b>
<b>BAM 328-2151</b>	<b>Bus Analog Module (0.1m)</b> For the connection of one device	<b>3</b>
<b>BTM 328-2139</b>	<b>Bus Terminator Module</b> Termination resistor for bus communication	<b>1</b>
<b>PSD</b>	<b>Desktop Power Supply Device (2m)</b> Desktop power supply 24Vdc, approx. 2.2A (53 W)	<b>1</b>

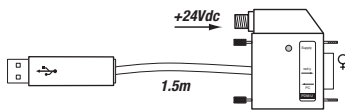
Additional extension cables (BEC) and power supplies are available: See reverse side



## Overview cables & modules «red-y smart series»

### PDM-U 328-2180

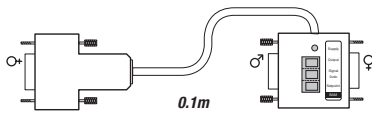
#### Power Digital Module USB (1.5m)



Communication cable PC/red-y galvanically separated  
Active level converter USB/RS485  
Powered by power supply PSD

### BAM 328-2151

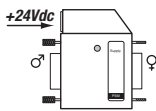
#### Bus Analog Module (0.1m)



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)

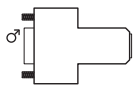


Extension cable for digital communication and analog signals

Lenght	Part-No.
0.5 m	328-2160
2.0 m	328-2161
5.0 m	328-2162

### BTM 328-2139

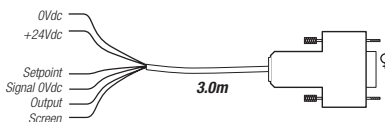
#### Bus Terminator Module



Termination resistor for bus communication  
Always recommended for a bus structure!

### PAC 328-2164

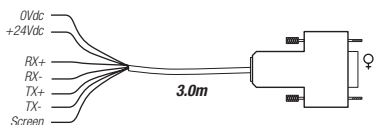
#### Power Analog Cable (3.0m)



D-Sub connector with cable for connection of a PLC or similar for use with analog setpoint and reading signals of meter/controller  
Loose ends with ferrules

### PDC 328-2165

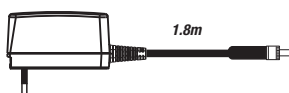
#### Power Digital Cable (3.0m)



D-Sub connector with cable for connection of e.g. a PLC for digital operation of meter/controller (Modbus)  
Loose ends with ferrules

### PSD

#### Plug-Type Power Supply Device (1.8m)

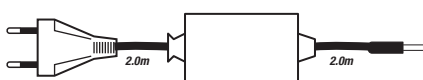


Input: 100 – 240Vac, 50 – 60Hz  
Output: 24Vdc, approx. 0.5A (12W), connector with locking ring, dia. 2.1/5.5mm  
*Additional exchangeable primary connectors on request*

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

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*

Plug	Part-No.
Euro	328-2321
US	328-2322
GB	328-2323
AU/NZ	328-2324
CN	328-2325