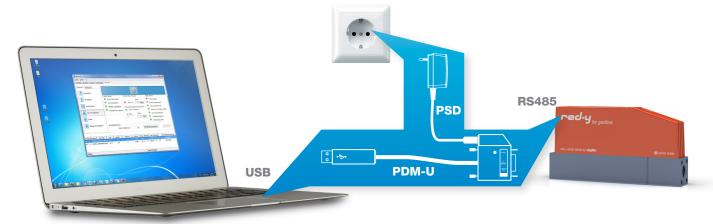
# Cable accessories for (red-y smart series)

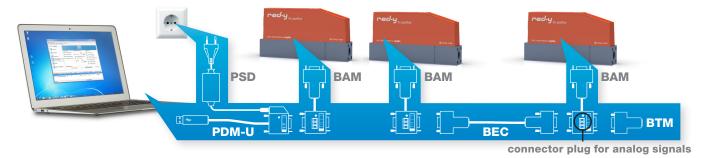
#### Connection of one thermal mass flow meter or controller to a PC



## The following cables are required:

Type	Description
PDM-U 328-2180	Power Digital Module USB (1.5m)
	Communication cable PC/red-y (active level converter USB/RS485)
PSD	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

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

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

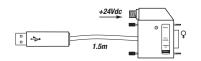




# Overview cables & modules (red-y smart series)

#### PDM-U 328-2180

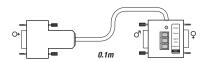
#### Power Digital Module USB (1.5m)



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

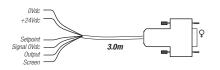
#### **Bus Terminator Module**



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

## PAC 328-2164

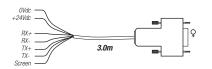
# Power Analog Cable (3.0m)



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)

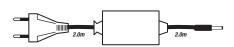


Input: 100 – 240Vac, 50 – 60Hz Output: 24Vdc, approx. 0.5A (12W), connector with locking ring, dia. 2.1/5.5mm Additional exchangeable primary connectors on request

Plug	Part-No.	
Euro	328-2311	
US	328-2312	
GB	328-2313	
AU/NZ	328-2314	
CNI	200 2215	

#### 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	