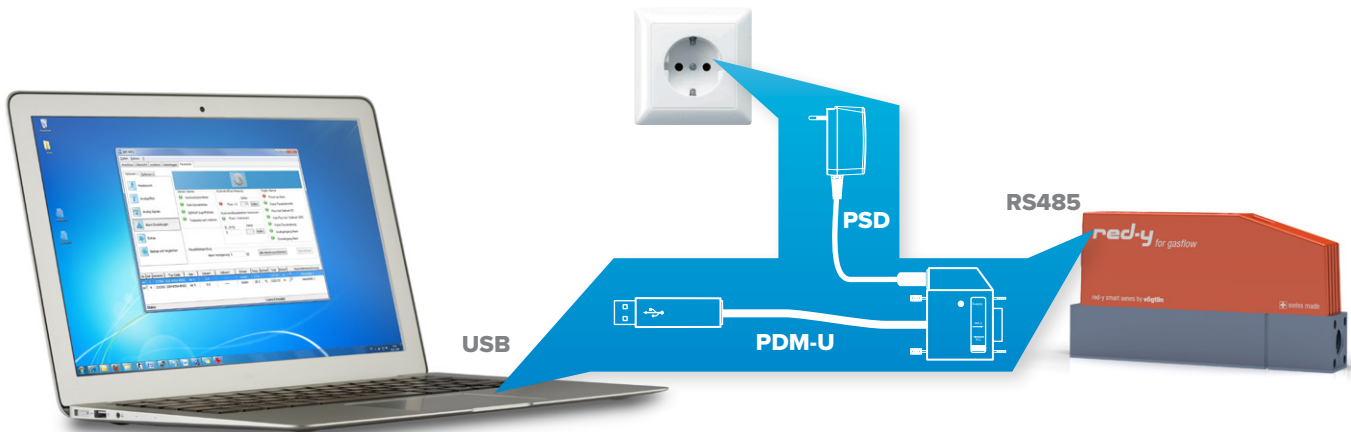


Cable accessories for <red-y smart series>

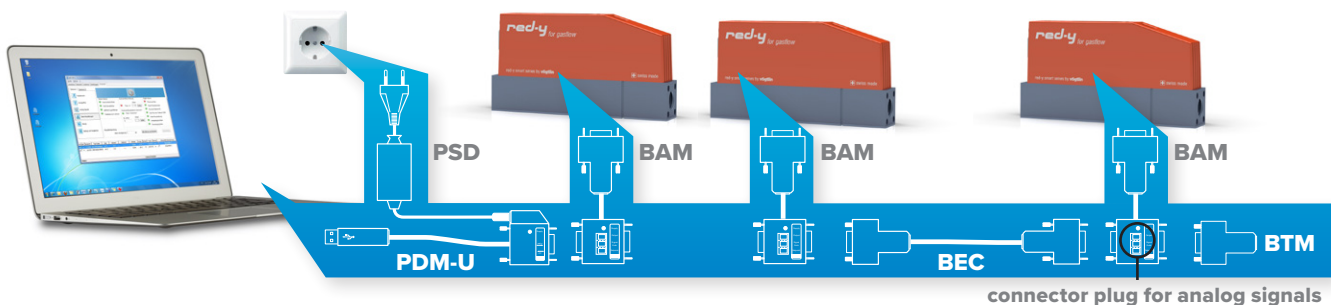
Connection of one thermal mass flow meter or controller to a PC:



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

| 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 | Desktop Power Supply Device (2m) Desktop power supply 24Vdc, approx. 2.2A (53 W) | 1 |

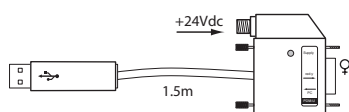
Additional extension cables (BEC) and power supplies are available: See reverse side



Overview cables & modules <red-y smart series>

PDM-U 328-2180

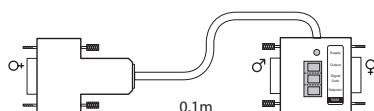
Power Digital Module USB (1.5m)



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

BAM 328-2151

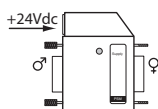
Bus Analog Module (0.1m)



D-Sub network node, digital switch with additional connector for analog setpoint and reading signals
With pluggable screw terminal

PSM 328-2152

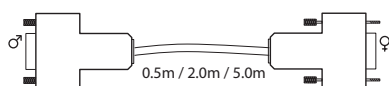
Power Separator Module



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

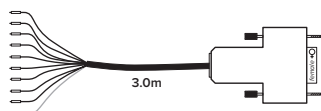
Bus Terminator Module



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

PAD 328-2103

Power Analog Digital Cable (3.0m)

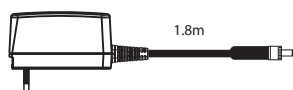


D-sub connector with cable for connecting a measuring or control device to the power supply, to a PLC, or for operation with **digital** signals (Modbus RTU), as well as with **analog** setpoint and measured value signals.
Loose ends with isolated crimp bootlace ferrules

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)

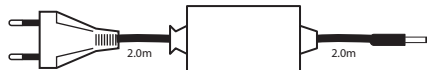


Input: 100 – 240Vac, 50 – 60Hz
Output: 24Vdc, approx. 0.5A (12W),
connector with locking ring, dia. 2.1/5.5mm
Additional exchangeable primary connectors on request

| 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 |

You can find specific data sheets for all cables & modules by typing abbreviations in the search field (e.g. PSD, BAM) at:
voegtlin.com/en/support/download/