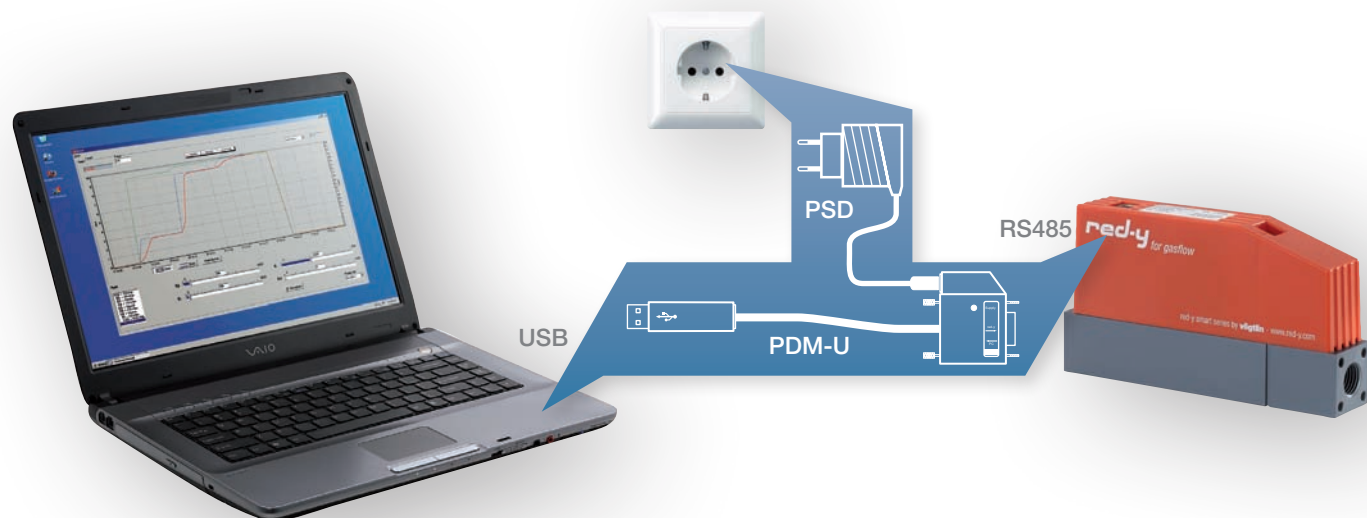




# Cable accessories for «red-y smart series»

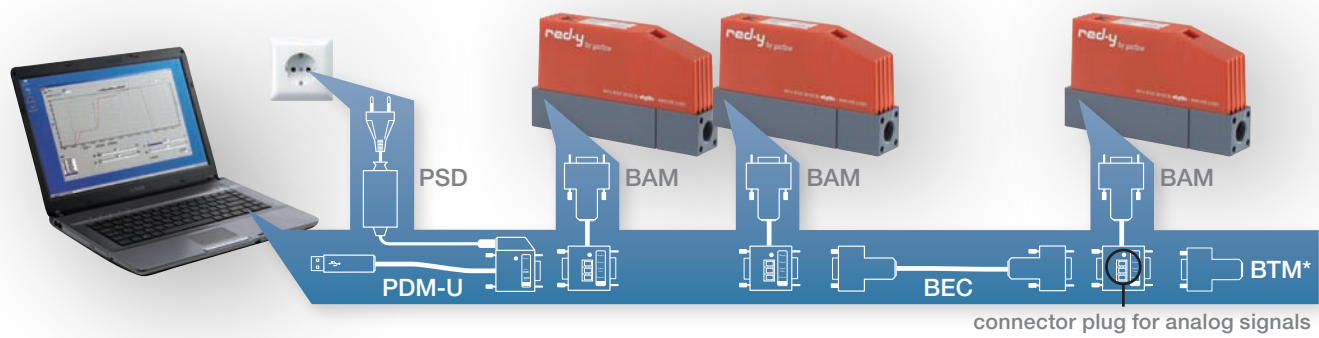
## Connection of one thermal mass flow meter or controller to a PC



The following cables are required:

Type	Description
<b>PDM-U 328-2169</b>	<b>Power Digital Module USB (1.5m)</b> Communication cable PC/red-y (active level converter USB/RS485)
<b>PSD 328-2234</b>	<b>Power Supply Device, Euro-Version (2m)</b> Plug-type power supply 24Vdc, 0.3A (8 W) <b>Note:</b> When connecting a GSC G1/2" type 8.0 (double-valve) a PSD 328-2233 is required

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

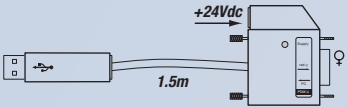
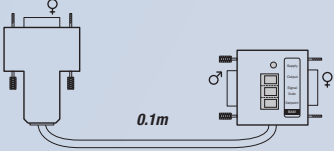
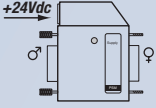
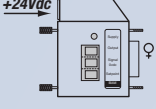
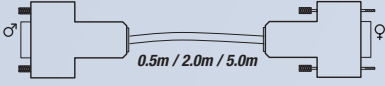
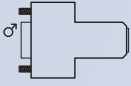
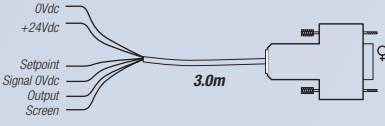
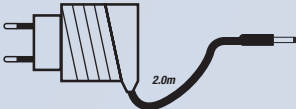
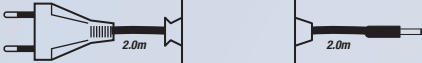


Example with 3 devices: the following cables are required

Type	Description	Quantity for above example
<b>PDM-U 328-2169</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 *When operating with cables made by a manufacturer other than Vögtlin a BTM must be used	<b>1</b>
<b>PSD 328-2233</b>	<b>Power Supply Device, Euro-Version (2m)</b> Power supply 24Vdc, 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»

<p><b>PDM-U 328-2169</b></p> 	<p><b>Power Digital Module USB (1.5m)</b></p> <p>Communication cable PC/red-y galvanically separated Active level converter USB/RS485 Powered by power supply PSD</p>
<p><b>BAM 328-2151</b></p> 	<p><b>Bus Analog Module (0.1m)</b></p> <p>D-Sub network node, digital switch with additional connector for analog setpoint and reading signals With pluggable screw terminal</p>
<p><b>PSM 328-2152</b></p> 	<p><b>Power Separator Module</b></p> <p>D-Sub node with connector for power supply With isolator function to link an additional power supply PSD in the bus</p>
<p><b>PAM 328-2153</b></p> 	<p><b>Power Analog Module</b></p> <p>D-Sub node with connector for power supply for operation with analog signals Powered by power supply PSD With pluggable screw terminal</p>
<p><b>BEC 328-2160 / 61 / 62</b></p> 	<p><b>Bus Extension Cable (0.5/2.0/5.0m)</b></p> <p>Extension cable for digital communication and analog signals 0.5 m – Article-N° 328-2160 2.0 m – Article-N° 328-2161 5.0 m – Article-N° 328-2162</p>
<p><b>BTM 328-2139</b></p> 	<p><b>Bus Terminator Module</b></p> <p>Termination resistor for bus communication</p>
<p><b>PAC 328-2164</b></p> 	<p><b>Power Analog Cable (3.0m)</b></p> <p>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</p>
<p><b>PDC 328-2165</b></p> 	<p><b>Power Digital Cable (3.0m)</b></p> <p>D-Sub connector with cable for connection of e.g. a PLC for digital operation of meter/controller (Modbus) Loose ends with ferrules</p>
<p><b>PSD 328-2234</b></p> 	<p><b>Power Supply Device, Euro-Version (2m)</b></p> <p>Plug-type power supply Input: 100 – 240Vac, 50 – 60Hz, 0.3A Output: 24Vdc, 0.3A (8W), dia. 2.1/5.5mm</p>
<p><b>PSD 328-2233</b></p> 	<p><b>Power Supply Device, Euro-Version (2m)</b></p> <p>Power supply Input: 100 – 240Vac, 50 – 60Hz, 1.1A Output: 24Vdc, 2.2A (53W), dia. 2.1/5.5mm</p>