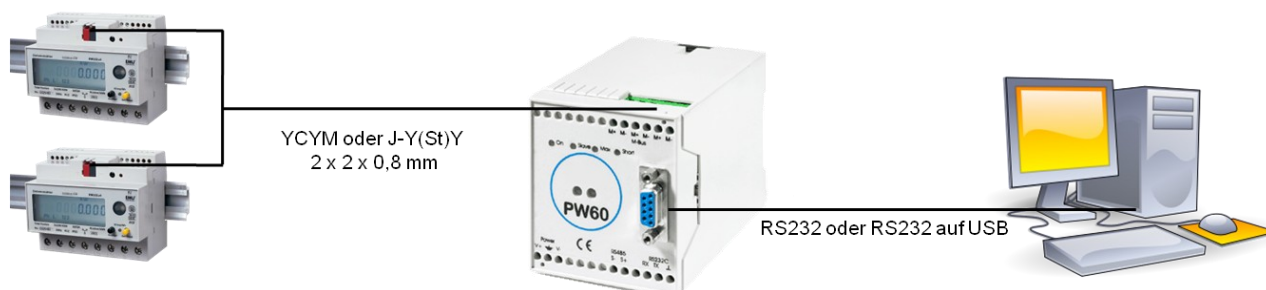


These devices are ideal for custom and economical M-Bus installations.  
All measured data can be recorded and processed by a connected computer system with suitable software.

- Integrated RS232 interface (PC as Master)
- RS485 interface
- Galvanic insulation between M-Bus and PC
- Optical-Interface (Laptop / Handheld as Master)
- Baudrates from 300 to 9600 Baud
- Bit-Recovery (recovery of bit times)
- Protection against overcurrent and short-circuit on M-Bus
- Echo Cancellation and Collision Detect with Break-Signalling
- Displays for power, data transmission, max. bus current and overcurrent
- External 24V DC or AC supply
- Housing for wall or rail mounting



Technical data	PW 20	PW 60
Operating voltage:	10.8 V .. 28V DC 10.8 V .. 28V AC	10.8 V .. 28V DC 10.8 V .. 28V AC
Max. power input:	7W	16W
M-Bus voltage (without load):	32V	38V
Max. M-Bus quiescent current:	30mA (3 unit loads)	90mA (60 unit loads)
Overcurrent threshold:	60mA	140mA
Transmission speed RS232C: RS485: Optical:	300 .. 9600 Baud 2400 Baud	300 ... 9600 Baud 300 ... 9600 Baud 2400 Baud
Galvanic isolation to M-Bus:	--	Yws
Bit Recovery:	--	Yes
Temperature range:	0 .. 55 °C	0 .. 55 °C
Dimensions HxWxD / protection:	78 x 56 x 117mm / IP40	78 x 70 x 118mm / IP40
Number of EMU32 (ca. 3.6mA)	8	25
Number of EMU Light (ca. 2.4mA)	12	37



Subject to change without notice  
1th January 2010, SK