

MPW-USB

M-Bus level converter-series



The new **USB level converter** series offers high flexibility and easy integration in one device.

USB level converter are available using a USB-3.0 interface and can be easily integrated into your installation.

The necessary driver is already included in all current operating systems (Windows, Linux, etc) so that commissioning is quick and easy.

The high M-Bus voltage of 37 V makes it possible to operate large M-Bus networks networks safely.

With M-Bus transmission rates from 300 to 38400 baud, the level converters are also also suitable for fast M-Bus devices.

Technical Data

Article No.:	095563 (MPW32) 095572 (MPW64) 095578 (MPW128)
Supply voltage:	24 Vdc $\pm 20\%$ 24 Vac $\pm 5\%$
Self-consumption (type):	90 mA bei 24 Vdc
Ingress protection:	IP 20
Measurements:	70 x 90 x 64 mm (4 HP)
Operating temperature:	0 ... 50°C
M-Bus voltage:	37 V
M-Bus currents:	48 mA (MPW32) 96 mA (MPW64) 192 mA (MPW128)
Over currents:	M-Bus current + 15 mA
Galvanic isolation:	Between supply voltage USB and M-Bus
Collision detection:	yes
M-Bus data rate:	300 ... 38400 Baud
Interfaces:	1 x USB 3.0
Weight:	approx. 185 g
Mounting:	Mounting rail TS35 or with screw lugs
Display:	Tx/Rx two-coloured Power: Supply voltage Overload: M-Bus overcurrent
Button:	Service: Reset, Push for 30 s