

# MPW128-IP

M-Bus level converter-series



M-Bus



IPv4  
IPv6

The new **MPW128-IP** level converter series offers high flexibility and easy integration in one device.

The **MPW128-IP** level converters are available with an **Ethernet interface** and optionally with additional serial interface (RS-232 or RS-485).

Parameterisation is carried out via the **integrated website**. If desired, this may be **password-protected** against unauthorised changes.

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

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

## Technical Data

<b>Article No.:</b>	095580 (IP + RS-232) 095581 (IP + RS-485) 095579 (IP)
<b>Supply voltage:</b>	24 Vdc $\pm 20\%$ 24 Vac $\pm 5\%$
<b>Self-consumption (type):</b>	90 mA bei 24 Vdc
<b>Ingress protection:</b>	IP 20
<b>Measurements:</b>	70 x 90 x 64 mm (4 HP)
<b>Operating temperature:</b>	0 ... 50°C
<b>M-Bus voltage:</b>	37 V
<b>M-Bus currents:</b>	192 mA (128 standard loads @ 1.5mA)
<b>Over currents:</b>	> 220 mA
<b>Galvanic isolation:</b>	Between supply voltage, Ethernet, RS-232, RS-485 and M-Bus
<b>Collision detection:</b>	yes
<b>M-Bus data rate:</b>	300 ... 38400 Baud
<b>Interfaces:</b>	1 x Ethernet 1 x RS-232* or RS-485**
<b>Weight:</b>	approx. 185 g
<b>Mounting:</b>	Mounting rail TS35 or with screw lugs
<b>Display:</b>	Tx/Rx two-coloured Power: Supply voltage Overload: M-Bus overcurrent
<b>Button:</b>	Service: Reset, Push for 30 s

\* only article 095580

\*\* only article 095581