

Technical specifications

PWS16720240318

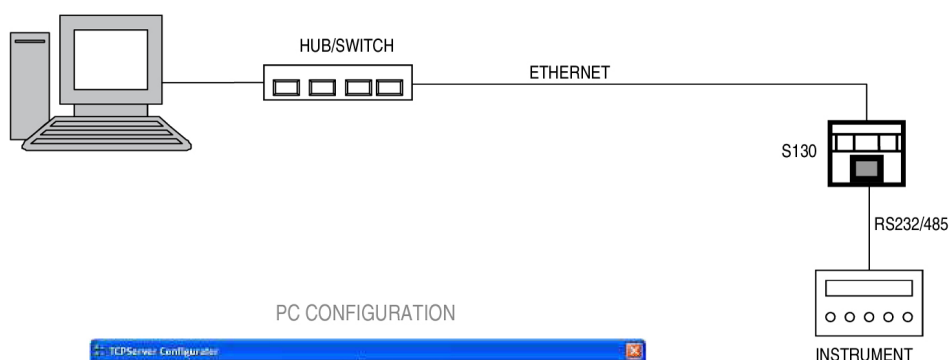
The Serial Converter S130 Profibus/Serial Bridge is used for the serial connection of various long distance units, generally from 15 m to 200 m. The Serial Converter S130 has screw terminal blocks and it may be mounted on OMEGA bar.

Material:	NORYL UL 94 V-0 flame retardant
Temperature range:	-10°C ÷ +50°C (max umidity 85% without condensation)
Storage temperature:	-20 ÷ +60 °C
Serial port:	RS232, RS485 o Profibus DP
Power supply:	10 - 30 Vdc
Regulatory compliance:	EN61000-6-2, EN61000-6-3, EN61010-1
Baud rate fieldbus:	<= 12 Mbit/sec
Dimensions:	55mm x 90mm x 58mm (l x h x p)
Baud rate:	<= 115 kb/s (default 9600 b/s)
Isolation:	Class II
Cable Lenght:	15m (RS232), 1000m (RS485)
Installation category:	Cat. II
Power consumption:	2 W (80 mA max @ 24 Vcc)

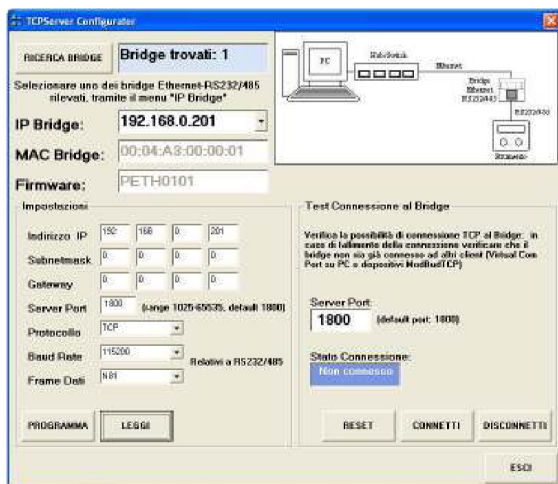


All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

ELECTRICAL DRAWING



PC CONFIGURATION



The screenshot shows the TCPSerial Configurator software interface. The 'Ricerca Bridge' (Search Bridge) tab is active, displaying 'Bridge trovato: 1'. The configuration fields are as follows:

- IP Bridge:** 192.168.0.201
- MAC Bridge:** 00:04:A8:00:00:01
- Firmware:** PETH0101
- Impostazioni (Settings):**
 - Indirizzo IP: 192.168.0.201
 - Subnetmask: 0.0.0.0
 - Gateway: 0.0.0.0
 - Server Port: 1800 (range 1025-65535, default 1800)
 - Protocollo: TCP
 - Baud Rate: 115200 (relative to RS232/485)
 - Frame Data: NR
- Test Connessione al Bridge:**
 - Verifica la possibilità di connessione TCP al Bridge: in caso di fallimento della connessione verificare che il bridge non sia già connesso ad altri client (Virtual Com Port su PC o dispositivi Modbus/CP).
 - Server Port: 1800 (default port: 1800)
 - Stato Connessione: Non connesso

Buttons at the bottom include: PROGRAMMA, LEGGI, RESET, CONNETTI, DISCONNETTI, and ESCI.

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