

## Technical specifications

PWS16720251205

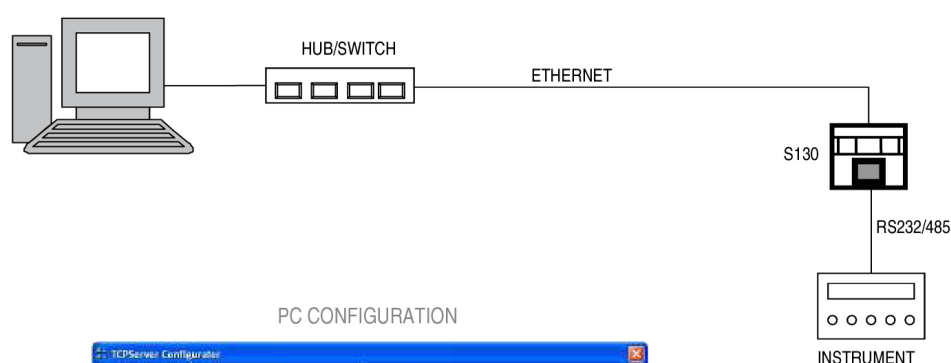
The Serial Converter S130 Profibus/Serial Bridge is used for the serial connection of various long distance units, generally from 15 m to 200 m. The Serial Converter S130 has screw terminal blocks and it may be mounted on OMEGA bar.

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

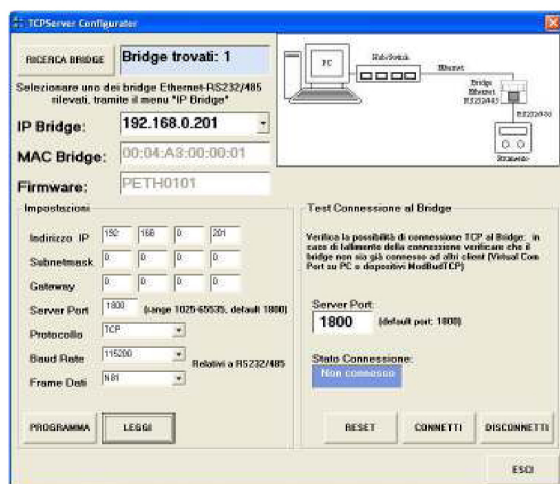


All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## ELECTRICAL DRAWING



PC CONFIGURATION



The screenshot shows the TCPServer Configurator software interface. The main window displays the following configuration details:

- Bridge trovato: 1**
- Selezionare uno dei bridge Ethernet-RS232/485 rilevati, tramite il menu "IP Bridge"**
- IP Bridge:** 192.168.0.201
- MAC Bridge:** 00:04:A8:00:00:01
- Firmware:** PETH0101
- Impostazioni:**
  - 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 (relativo a 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:** PROGRAMMA, LEGGI, RESET, CONNETTI, DISCONNETTI, ESCI

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