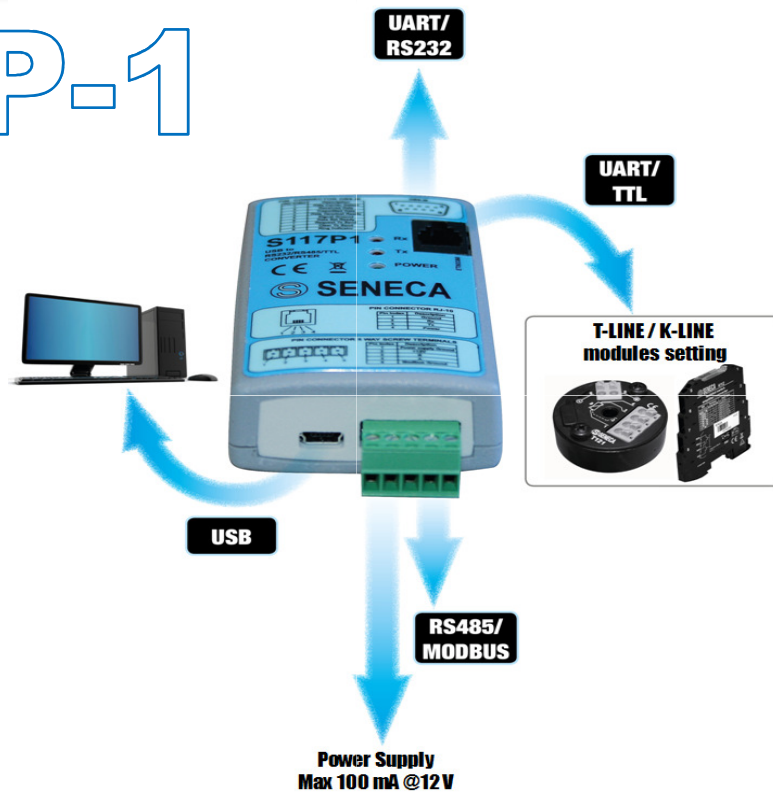
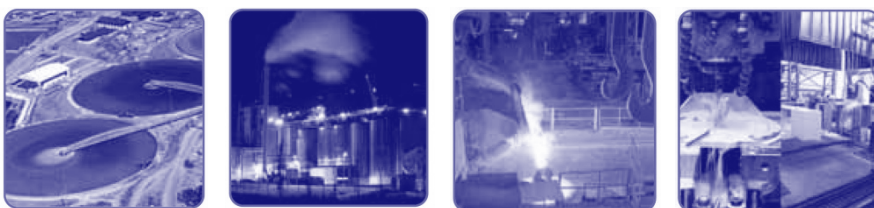


USB ↔ TTL / RS232 / RS485 Serial Converter Isolator

S117P-1



- ▶ **FUNCTION:** Interface converter USB ↔ TTL-RS232-RS485
- ▶ Compatible with standard USB 1.0, 1.1 and 2.0
- ▶ Drivers available for Windows 98, 2000, XP, Vista, CE, Mac,...
- ▶ Programming software for T120, T121, K121, K120RTD and Z-PC I/O modules
- ▶ Galvanic isolation @ 1,5 Kvac
- ▶ Power supply (12 Vdc @ 100 mA) available from screw terminals to supply Z-PC I/O modules
- ▶ Interface connectors: mini USB (cable included), DB9-M (RS232), TTL (cable included), 5 poles connector (RS485)



➔ For further information, please visit www.seneca.it

S117P-1

USB ↔ TTL / RS232 / RS485 Serial Converter Isolator

TECHNICAL DATA



ORDER CODES

- S117P-1**
- USB ↔ TTL-RS232-RS485 Serial Converter Isolator
 - USB cable
 - TTL cable
 - CD with drivers and EASY software (programming software for T120, T121, K121, K120RTD and Z-PC I/O devices)

OTHER DEVICES

- S107USB** - USB ↔ RS485 Serial Converter Isolator (desk)
K107USB - USB ↔ RS485 Serial Converter Isolator (din rail)
S107P - RS232 ↔ RS485 Serial Converter Isolator (desk)
Z107 - RS232 ↔ RS485 Serial Converter Isolator (din rail)

GENERAL FEATURES

Power supply	By the PC (USB port)
Status indicators	- Power - Transmission - Receiving
Speed	300...250.000 bps
Configuration	By drivers (included).
Other functions	X or Y side terminator, X->Y or Y->X communication direction inhibition
Galvanic Isolation	1500 Vac
Power consumption	50 mA
Humidity	10..90% a +40°C (not condensing)

Design	Portable (table version)
Connection	- USB: mini USB B (cable included) - RS232: DB9-M - TTL: RJ-10 - RS485: 5 poles connector
Dimensions	50 x 90 x 25 mm (w x h x d)
Weight	55 g
Operating temperature	-20..+65 °C
IP Protection	IP 20
Standards	EN61000-6 EN6100-6 EN61010-1
Approvals	CE

USB PORT

- USB**
Mini USB B connector (cable included)
Standard 1.0, 1.1 e 2.0
- ✓ Windows 98, 98SE, ME, 2000, Server2003, XP.
 - ✓ Windows XP 64bit.
 - ✓ Windows Vista.
 - ✓ Windows XP embedded.
 - ✓ Windows CE.net 4.2 & 5.0.
 - ✓ Mac OS 8, 9, OS-X.
 - ✓ Linux con Kernel 2.4.20

RS232-TTL PORT

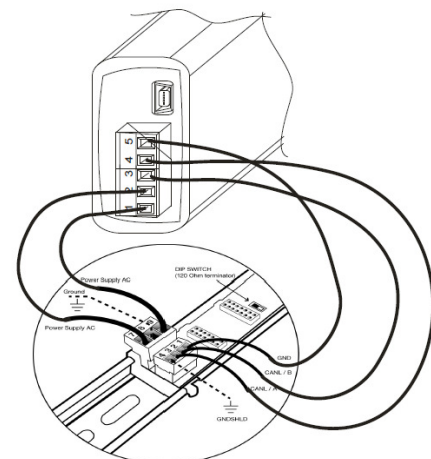
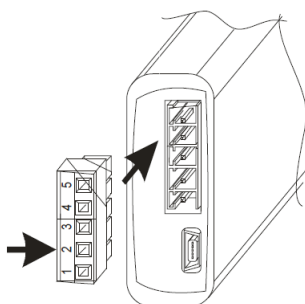
- RS232**
DB9-M connector
- TTL**
RJ-10 connector (cable included)
- RS485**
5 poles connector

INSTALLATION

The following picture shows the functions of the screw terminal connector on the side of S117P1 :

- Supply a Seneca module 12 Vdc @ 100 mA
- Serial port communication with standard RS485

Pin Index	Description
1	Power supply Ground
2	Max: +12Vdc @ 100 mA
3	B
4	A
5	Modbus Ground



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