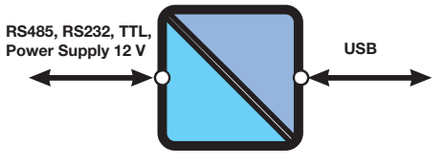
S117P-1

USB↔RS485/RS232/TTL SERIAL ISOLATOR/CONVERTER (DESK)

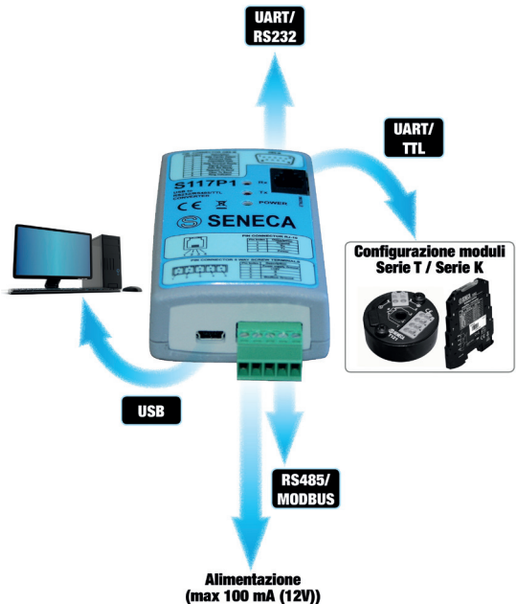


S117P1 is a converter that realizes a serial connection via RS232, RS485 or TTL, using a USB port on the PC.
Through the drivers the operating system treats the serial interface like a standard serial port, allowing the use of the converter through any software that can communicate with the standard serial ports present in the operating system (COM1, COM2, ecc.).
RS232, RS485 and TTL ports are electrically isolated from the USB avoiding most of the problems of electrical noises.

TECHNICAL SPECIFICATIONS

General Data	
Power supply	Through USB port
Power consumption	50 mA
Isolation	1.500 Vac (3 way)
Modules Power Supply	Yes, 12 Vdc available
Status Indicators	Power supply, data transmission, data reception
Mounting	RS232, RS485 or TTL, using an USB
Protection Degree	IP20
Operating Temperature	-20..+65°C
Dimension (W x H x D)	90 x 50 x 25 mm
O.S. compatibility	Usable in Windows 98, 2000 and XP Environments. Usable in Linux Environment with Kernel 2.4.20 or later, for which the direct support exists.
X-SIDE	
SERIAL	Serial RS232 Communication Serial RS485 Communication, max 32 nodes. RS232 connections: DB9 connector TTL connections: RJ-10 connector
Y-SIDE	
USB	USB standard 1.0, 1.1 e 2.0 compatible
Standard	
Approvals	CE
Norms	EN61000-6-4/2007, EN61000-6-2/2005, EN61010-1/2001

APPLICATION NOTE



ORDER CODES

Code	Description
S117P-1	USB↔RS485/RS232/TTL serial isolator/converter (desk), drivers and cable (RS232, TTL, USB) included

SIMILAR PRODUCTS

K107USB

RS485↔USB serial converter

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S107USB

USB<->RS485 serial converter, desk

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