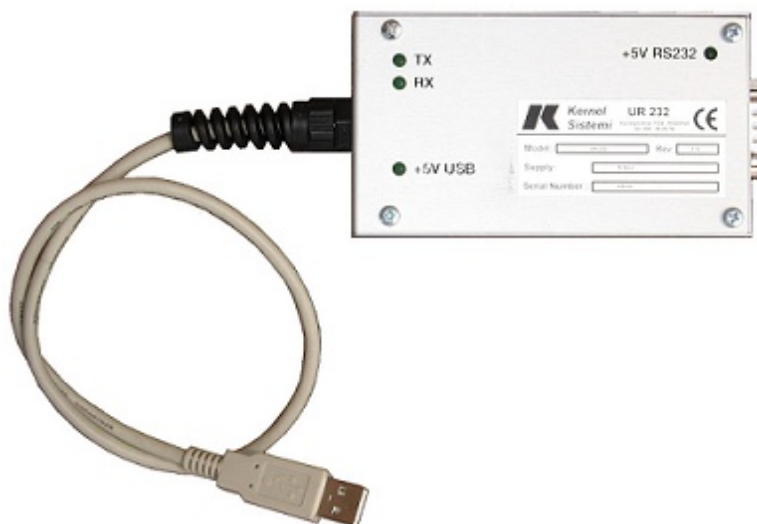


UR232



USB/RS232 Opto-isolated Converter

The UR232 is a Kernel Systemi USB / serial converter. This converter allows you to add an optoisolated serial port to your PC. Each UR232 converter uses FTDI drivers.

CHARACTERISTICS

- Opto-isolation system
- Protection against overvoltages, spikes and ground loops
- Transmission / reception lines monitoring LED
- Power supply not required (powered by USB bus)
- Compatibility with systems Windows 98/ME/2000/XP/Vista/7/8/10

APPLICATIONS

The opto-isolated USB / serial converter finds its typical use in the field of industrial automation (SCADA, PC / PLC transmissions, etc.), and more. In general it allows computers with USB ports to access communication with serial devices, galvanically separating the devices in communication and thus providing protection from overvoltages, current peaks and ground loops.

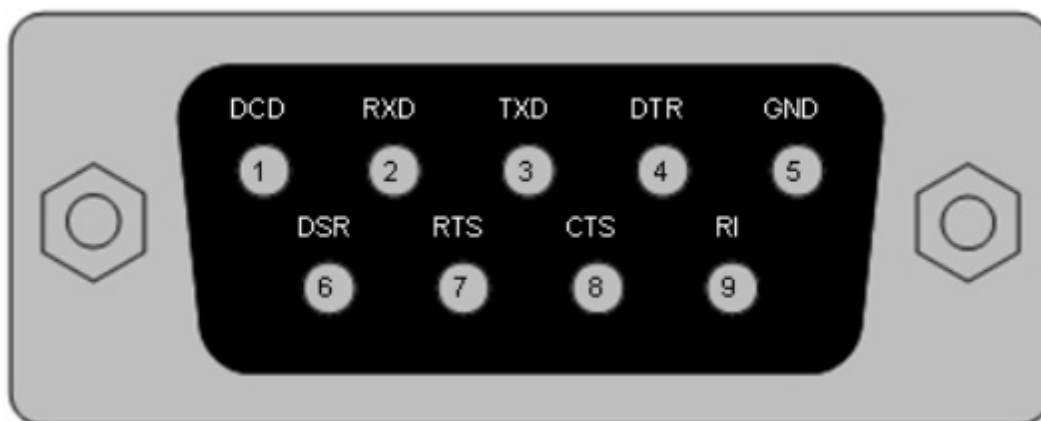
UR232 / PC CONNECTION

After connecting the converter to your PC, in order to create a virtual COM to use, it is necessary to install the UR232 driver. The driver for the converter is FTDI and is compatible with the following operating systems :

- Windows 10
- Windows 10 x64
- Windows 8.1
- Windows 8.1 x64
- Windows 8
- Windows 8 x64
- Windows Server 2012
- Windows Server 2008 R2
- Windows 7
- Windows 7 x64
- Windows Server 2008
- Windows Server 2008 x64
- Windows Vista
- Windows Vista x64
- Windows Server 2003
- Windows Server 2003 x64
- Windows XP
- Windows XP x64
- Windows ME
- Windows 98

If your computer does not already have the FTDI driver, you can download the latest updated version from our site : <http://www.kernelgroup.it/drivers.html>

PINOUT SERIAL PORT





N° pin DB9	Name	Type	Description
1	DCD	Input	Data Carrier Detect. data control input
2	RXDATA	Input	Receiving Data asynchronous
3	TXDATA	Output	Transmission Data asynchronous
4	DTR	Output	Data Terminal Ready control output handshake signal
5	GND	GND	Ground Pin
6	DSR	Input	Data Set Ready control input handshake signal
7	RTS	Output	Request To Send control output handshake signal
8	CTS	Input	Clear To Send control input handshake signal
9	RI	Input	Ring Indicator control input Indicates the presence of the call signal on the line