



Product ID: WiConvert
Category: Accessories

WiConvert Modbus RTU (RS-485/RS-232) to SDI-12 and vice versa interface adapter configurable via FIRMWARE.

TECHNICAL SPECIFICATIONS

CPU	32-bit microcontroller @ 8MHz with 32KB of RAM and 256KB of Flash
Memory	32KB Eeprom for configuration storage
Watchdog timer (WDT)	Internal watchdog enabled
Ports:	1 x Puerto SDI-12, 1 x Puerto RS-485/RS-232
Configuration:	Using SDI-12 commands, Modbus registers, or a web-based configuration application.*

* Requires USB-SDI-12/USB-RS485 adapter for configuration depending on the chosen model.

POWER SUPPLY CIRCUIT

Supply voltage	12V
Maximum consumption	50mA (active), 30uA (sleep)

CHARACTERISTICS

Modbus RTU interface adapter (RS-485/RS-232) a interfaz SDI-12	Modbus RTU (RS-485/RS-232) to SDI-12 interface adapter capable of handling up to 90 Modbus values per SDI-12 address, with a maximum of 16 supported addresses.
SDI-12 to Modbus RTU (RS-485/RS-232) interface adapter	SDI-12 to Modbus RTU (RS-485/RS-232) interface adapter capable of managing up to 16 SDI-12 addresses with 90 values per address in 180 Modbus registers (2880 Modbus registers in total).

ENVIRONMENTAL CONDITIONS		CONSTRUCTION FEATURES	
Operating temperature	-20 a 80°C	Dimensions	65x50x35 mm (W/H/D)
Humidity	5% ~ 95% (non-condensing)	Box Material	Polycarbonate
ORDER INFORMATION		Mounting type	Superficial
Minimum order quantity	1	Degree of protection	IP67
Order reference	WiConvert	CERTIFICATES AND DECLARATIONS	
		Standards	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011



Product compliant with
RoHS (2011/65/EU)