

# WiConvert M2S / S2M

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**Product ID:** WiConvert M2S | WiConvert S2M  
**Category:** Accessories

**WiConvert M2S** Modbus RTU (RS-485/RS-232) to SDI-12 interface adapter.

**WiConvert S2M** SDI-12 to Modbus RTU (RS-485/RS-232) interface adapter.

## TECHNICAL SPECIFICATIONS

<b>CPU</b>	32-bit@8Mhz microcontroller with 32KB RAM and 256KB Flash
<b>Memory</b>	32KB Eeprom for configuration storage
<b>Watchdog timer (WDT)</b>	Internal watchdog enabled
<b>Ports</b>	1 x SDI-12 Port, 1 x RS-485/RS-232 Port
<b>Configuration</b>	Via SDI-12 commands, Modbus Registers or Web Configuration Application.*

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

## POWER CIRCUIT

<b>Supply voltage</b>	12V
<b>Maximum consumption</b>	50mA (active), 30uA (sleep)

## FEATURES

<b>WiConvert M2S</b>	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 addresses supported.
<b>WiConvert S2M</b>	SDI-12 to Modbus RTU (RS-485/RS-232) interface adapter capable of handling up to 16 SDI-12 addresses with 90 values per address in 180 Modbus registers (total 2880 Modbus registers).

## ENVIRONMENTAL CONDITIONS

<b>Working temperature</b>	-20 a 80°C
<b>Humidity</b>	5% ~ 95% (without condensation)

## INFORMATION ABOUT ORDERS

<b>Minimum order</b>	1
<b>Order reference</b>	WiConvert M2S* WiConvert S2M*

\* The desired variant must be requested in the order.

## CONSTRUCTION FEATURES

<b>Dimensions</b>	65x50x35 mm (W/H/D)
<b>Material Box</b>	Polycarbonate
<b>Mounting type</b>	Superficial installation
<b>Degree of protection</b>	IP66

## CERTIFICATES AND DECLARATIONS

<b>Rules</b>	EN 61000-6-2:2019 EN 61000-6-3:2007 + A1:2011
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This product is compatible with the RoHS (2011/65/UE)