



U.S.A.:

Omega Engineering, Inc., One Omega Drive, P.O. Box 4047  
Stamford, CT 06907-0047 USA  
Toll-Free: 1-800-826-6342 (USA & Canada only)  
Customer Service: 1-800-622-2378 (USA & Canada only)  
Engineering Service: 1-800-872-9436 (USA & Canada only)  
Tel: (203) 359-1660 Fax: (203) 359-7700 e-mail: info@omega.com

omega.com info@omega.com

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M5361/1113





User's Guide

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MADE IN ITALY



M12TX-CONFIG  
Configuration Kit For M12TX

Input (to PC from USB interface)	USB cable
Output (USB interface to transmitter)	Adapter cable with M12 female connector
Power supply	PC's USB port, 5Vdc 74mA max.
Operative conditions	0...50°C / 0...90% RH Non condensing
Galvatic isolation	1500Vac
USB Compliance	USB v1.1 and USB v2.0
System requirements	O.S. Windows Windows 2000 (SP3) or Windows XP (SP2) or Windows Vista (32 e 64 bit) or Windows 7 (32 e 64 bit) or Windows 8 (32 and 64 bit with framework 3.5)
Display resolution	Minimum 800x600
Free hard disk space	50M/B
Ports	1 free USB port

GENERAL INFORMATION

M12TX-CONFIG includes all necessary software and hardware for configuration from a PC's USB port.  
M12TX-CONFIG consist of:

- USB interface
- USB cable (connection between PC and USB interface)
- Adapter cable (connection between USB interface and M12TX)
- Software and drivers on a USB memory stick

Only one transmitter may be connected at a time.  
The USB interface is CE-marked and complies with EMC-directive 2004/108/EC. For more information see the Declaration of Conformity.  
The configuration software *TX Configurator* is compatible with Windows 2000 (SP3), Windows XP (SP2), Windows Vista (32 and 64 bit), Windows 7 (32 and 64 bit), Windows 8 (32 and 64 bit with framework 3.5).



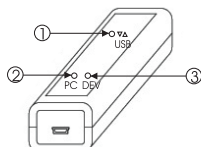
Attention: when installing, do not connect the USB interface to your USB port until prompted (please see the chapter "Installation guide").

## USB INTERFACE DESCRIPTION

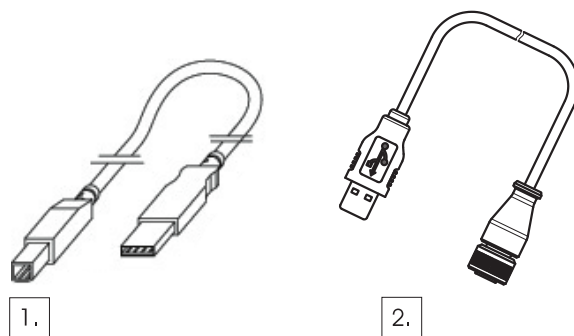
The USB interface is powered from the PC's USB port. There are three LED indicators on the USB interface: "USB", "PC" and "DEV". They are indicators to make the understanding of the communication between PC and transmitter easier. Their functions are described below.

- "USB" LED indicates data transfer. It lights during data transfer, otherwise it is off.
- "PC" LED indicates connection between M12TX-CONFIG and PC; it is green during reading or writing to transmitter otherwise is red.
- "DEV" LED indicates the transmitter connection status. If it's green, the connected transmitter is detected by the USB interface; when it's red no transmitter is detected by the USB interface.

1. "USB" LED
2. "PC" LED
3. "DEV" LED

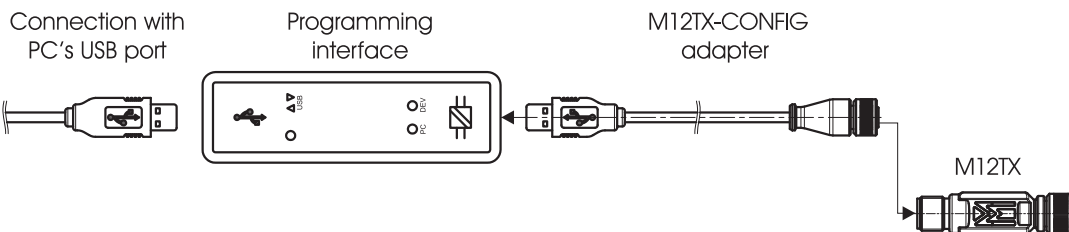


## CONTENTS



1. USB cable
2. Adapter cable for M12TX

## CONNECTIONS



Don't power-on the transmitter when connected with the programming interface

## INSTALLATION GUIDE

ATTENTION: before connect the USB interface to the PC it needed do the following steps

**Make sure your USB interface is not plugged in before driver installation.**

Inside this Kit it is included a memory stick with stored the communications drivers and the M12TX Series configuration software; connect the memory stick to a free USB PC's port and wait for the automatic installation driver; when the message "hardware installed and ready to use" appears, a windows is opened: click on "Open folder to view files using Windows explorer". Double click on "Install.exe" file to open the "TTX Configurator" window; click on "Install USB Interface drivers" and wait for the drivers installation. At the end of this step, click on "TTX Configurator" and wait for the software installation.

At the end of installation, connect the USB interface to a free PC's USB port, and wait for the installation: when the message "hardware installed and ready to use" appears, it is possible to start the TTX Configurator from the icon on the desktop.

## CONFIGURATION

### Procedure for the transmitter configuration

1. Connect the M12TX + device to USB interface by the adapter cable (see "programming connection"); wait for the LED "DEV" becomes green (it is no need an external power supply).
2. On M12TX-CONFIG click on "read from transmitter" icon: the software will upload automatically the M12TX configuration.
3. Set the measuring range, the sensor break indication, and if need the tag (transmitter ID, max 16 alphanumeric characters)
4. The new configuration can be downloaded on the M12TX by a click on "write to transmitter" icon. The device makes a restart after the downloading is done.

For more detailed information, please see the M12TX-CONFIG help; it is possible to open help by a F1 key from the application main window.