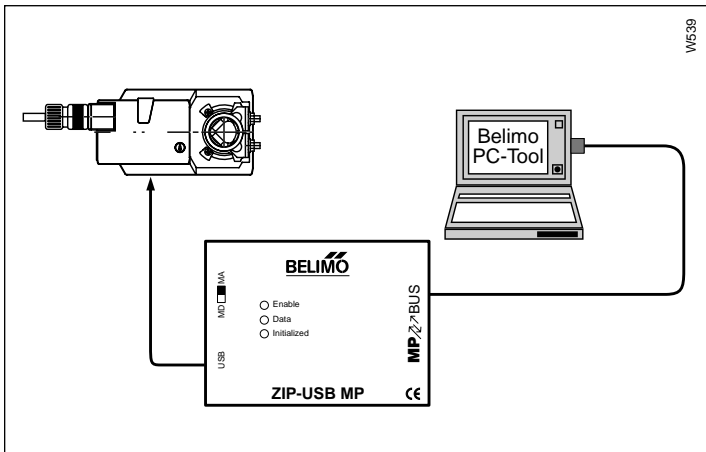


# ZIP-USB-MP US

For interfacing PC with...MFT US type actuators



Technical Data	ZIP-USB-MP US
Power Supply	AC 24 V 50/60 Hz, DC 24V
Nominal voltage range	AC 19.2...28.8 V, DC 21.6...28.8 V
Driver	For Windows 2000 or XP (download @www.belimo.com)
Connections	<ul style="list-style-type: none"> <li>• USB</li> <li>• MP device</li> </ul>
Electrical Safety	III safety extra-low voltage
Degree of protection	IP 20
Ambient temperature range	0 to 122 °F -40 to 176 °F
Weight	<1.0 lb

## Application

The ZIP-USB-MP is used with the Belimo PC-Tool software (MFT-P) to interface all Multifunctional (...MFT US) type actuators via a USB port. Monitoring and parameterization of **one** MFT actuator is enabled.

The ZIP-USB-MP can also be used to interface the MFT actuators functionality via the UK24LON.

## Connection and Operation

### Power supply

Power for the ZIP-USB-MP is supplied via the connected MFT actuator.

### Connection and Indication

A PC is connected through the USB port and the associated cable.

An MFT actuator is connected through a special cable with RJ11-plug. (Not included)

### Indication (See Accessories)

LED's show the status of the interface and the flow of data between the ZIP-USB MP and the MFT actuator/VAV controller.

#### LED *Initialized*

Data is transmitted from ZIP-USB-MP to actuator.

#### LED *Data*

- Data transmitted from actuator to ZIP-USB-MP.
- LED flashes synchronously when initialized if an actuator does not respond.

#### LED *Enable*

Steady light when the interface is active.

## Accessories

- ZK1-GEN: Cable 16 ft, RJ11-plug, New Generation Plug.
- ZK2-GEN: Cable 16 ft, RJ11-plug, open wires, New Generation Plug.
- ZK3-GEN: Cable 16 ft, 3 Pin Weidmueller Plug, New Generation Plug.