METZ CONNECT
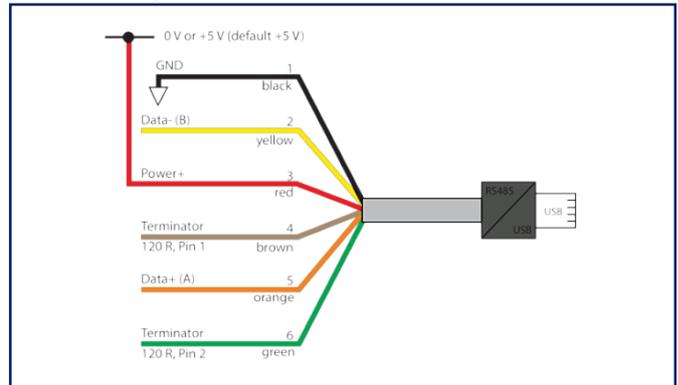
We realize ideas

Data sheet
USB/RS485 Converter

Illustrations

Principle diagram

See enlarged drawings at the end of document

Product specification

The USB to RS485 converter allows to connect devices with serial UART interface quickly and easily to USB. The transparent USB plug includes LEDs to view the Tx and Rx traffic on the cable. The other end of the cable consists of bare, tinned wires.Combined with our configuration software, the Modbus devices of the MR series can be connected and configured directly. The converter is USB and USB 2.0 full speed compatible and supports a data transfer rate up to 3 Mbps. The required USB-RS485 drivers are available to download for free from http://www.ftdichip.com.

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Data sheet
USB/RS485 Converter

Technical Data

Material

Color	gray

Climatic Data

Operating	
Relative humidity	max. 85 % non-condensing

Classifications

ETIM 7.0	EC001099
ETIM 8.0	EC001099
ETIM 9.0	EC001099
ETIM 10.0	EC001099

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

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Weitere Dokumentation siehe / additional documentation see /
documentation supplémentaire voir www.metz-connect.com

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USB/RS485 Converter

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P/N
11080101
EAN 4250184158882
2025/08/20
Version: E

Accessories from

P/N	Designation
1108301370	MR-F-TO4 Modbus RTU
110831131970	MR-F-DI10 Modbus RTU
1108321370	MR-F-AI8 Modbus RTU
11083313260170	MR-F-DIO4/2S Modbus RTU
110833132670	MR-F-DIO4/2 Modbus RTU
110834131970	MR-F-DI4 Modbus RTU
110835130270	MR-F-AO4 Modbus RTU
11083613210170	MR-F-DOA4 Modbus RTU
110836132170	MR-F-DO4 Modbus RTU
110837130270	MR-F-AOP4 Modbus RTU
1108381370	MR-F-TP Modbus RTU
1108391370	MR-F-SI4 Modbus RTU
110840133270	MR-F-CI4 Modbus RTU
1108411370	MR-F-SM3 Modbus RTU
1108441370	MR-F-LD6 Modbus RTU

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0 V or +5 V (default +5 V)

GND	1	black
Data- (B)	2	yellow
Power+	3	red
Terminator 120 R, Pin 1	4	brown
Data+ (A)	5	orange
Terminator 120 R, Pin 2	6	green

RS485
USB
USB

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