

MFX_4 EDI V2

The powerful MFX_4 measurement data acquisition system meets the highest standards for flexible and reliable calibration-compliant measurement, mixing and control of processes in the handling of liquids, especially mineral oils. With more than 30 years of operating experience and over 18,000 installations, the fourth generation combines many years of industry experience with state-of-the-art technologies and communication standards.

MFX_4 EDI

The MFX_4 EDI (Ethernet Data Interface) is a protocol interface converter that converts data from CANopen to Ethernet (TCP/IP). The data can then be read at any point in the network by an automation system via TCP/IP sockets.

With the MFX_4 EDI, you can integrate all products from the MFX_4 family into Ethernet (TCP/IP).

All MFX_4 systems are easy to integrate, quick to configure and can be remotely maintained during operation thanks to their support for a wide range of protocols and communication standards. To significantly expand the range of possible applications, the MFX_4 measurement data acquisition system features a distributed architecture of central computing and decentralised operating units.

MFX_4 EDI versions:

- CANopen to Ethernet
- CANopen to serial printer



↑ MFX_4 EDI



MFX_4 EDI V2

TECHNICAL DATA / FEATURES

Approvals

- OIML R117-1 2007
- MID Type-Examination Certificate
- PTB Type-Approval Certificate [W&M approved]
- Various other national approvals

Operating temperature

- -25 °C ... +60 °C

Power supply

- 24 VDC $\pm 10\%$
P_{typ} = 5 W P_{max} = 12 W

Interfaces

- 1x Ethernet (RJ45 socket)
- 1x CAN bus (with potential separation)
- 1x RS232 (with potential separation)

Housing

- Aluminium / black, IP 20
DIN rail module: W 164 mm x H 109 mm x D 35 mm

Weight

- 600 g

Storage temperature

- -25 °C...+75 °C

Protocols

- Ethernet (TCP/IP)
- CANopen Field Bus [Baud rate up to 1.000 kbaud]

LEDs

- Power (green)
- Data ready (yellow)
- Receive (yellow)
- Transmit (yellow)
- Error (red)

STANDARD FUNCTIONS

- Protocol interface converter (CANopen <-> Ethernet (TCP/IP), CANopen <-> Modbus TCP, CANopen <-> OPC (via external OPC server))
- Transfer of original document data via the CANopen protocol to Ethernet (TCP/IP)
- Communication with UPC (original document PC)
- View printer function for devices with FDW protocol
- Communication with serial printers



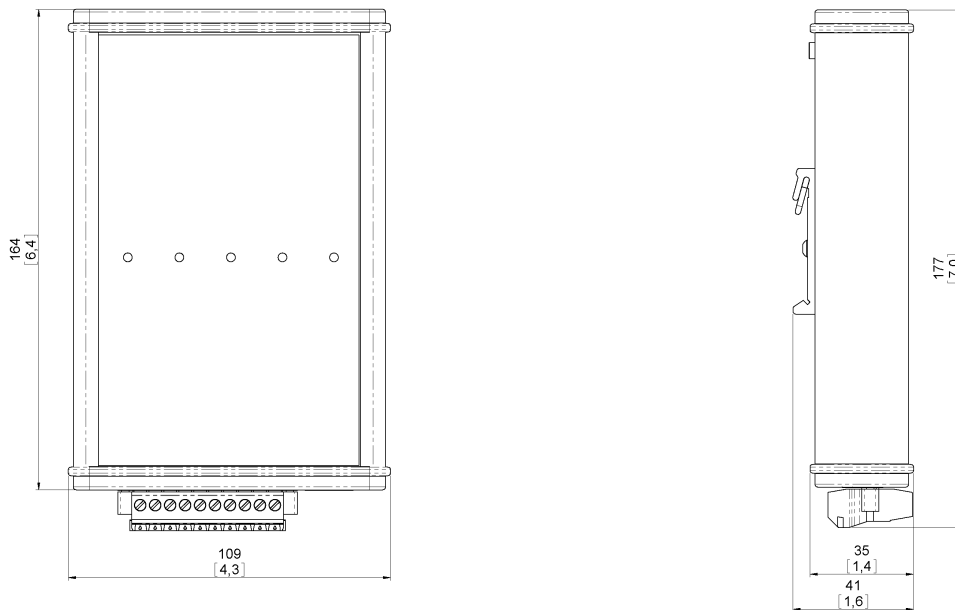
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PRODUCT KEY / OPTIONS

	4001511 + [Basic device] + [Approval] + [Printer] + [Accessories]	
Basic device	UPC Data Printer	UPC-mode Data interface Printer mode
Approval	C0 C1 C2 C3 BEV RF	Without extended factory pre-testing OIML, MID/ OIML, MID (EDI) National, under German law (EDI) With preliminary examination certificate Part Certificate (BEV) PTB approval for stationary liquids
Printer	Okidata TM295 HL7050 HP400	OKI 280 TM295 Laser printer Brother HL-7050 HP LaserJet Pro 400
Accessories	RS232	RS232 incl. connection cable (included with printer options)

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DIMENSIONS



* Dimensions in millimetres [Inch]

PIN ASSIGNMENT



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