



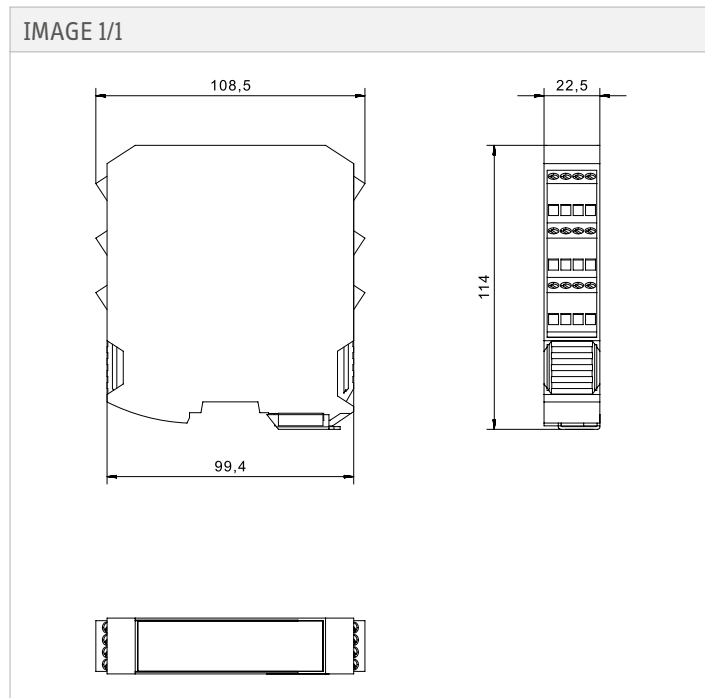
eloProg fieldbus modules

Direct connection to the machine control/PLC is through the fieldbus modules. The configuration takes place with an own bus configurator.

Up to 1 fieldbus module can be connected to the base module via the T-connector at the back of the module. The status is displayed via LEDs on the front.

- Technical specifications
- All common fieldbus protocols are available protocols are available
- Selectable station addresses via bus configurator
- Bus connection reduces wiring effort and expense
- Different transmission rates depending on selected fieldbus
- Pre-assembled T-connector (proprietary 5-way bus) for connection to the base module simplifies wiring and saves space in the switch cabinet

Technical drawing



Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Transmission rate	max. 1 MBit/s	125 kBit/s 250 kBit/s	-	100 MBit/s		-

Attribute	485EPFMT	485EPFPD	485EPFUB
Transmission rate	-	12 MBit/s	-

Electrical data

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Operating voltage min.	19.2 V DC					
Operating voltage max.	28.8 V DC					
LED display	two-coloured					
Fieldbus system	CANopen	DeviceNet	EtherCat	Ethernet IP	2x Ethernet IP	Modbus RTU

Electrical data

Attribute	485EPFMT	485EPFPD	485EPFUB
Operating voltage min.	19.2 V DC		
Operating voltage max.	28.8 V DC		
LED display	two-coloured		
Fieldbus system	Modbus TCP	Profibus DP	USB interface module

Properties

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Selectable station address	0...125	0...63	Depending on the configuration			

Properties

Attribute	485EPFMT	485EPFPD	485EPFUB
Selectable station address	Depending on the configuration	1...127	Depending on the configuration

Mechanical data

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Dimensions	108 x 22,5 x 114,5 mm (H/B/T)					

Mechanical data

Attribute	485EPFMT	485EPFPD	485EPFUB
Dimensions	108 x 22,5 x 114,5 mm (H/B/T)		

Material information

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Housing material	PA					
Housing colour	grau					

Material information

Attribute	485EPFMT	485EPFPD	485EPFUB
Housing material	PA		
Housing colour	grau		

Environmental conditions

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Protection class, housing	IP20 DIN EN 60529					
Operating temperature min.	-10 °C					
Max. operating temperature	55 °C					
Min. storage temperature	-20 °C					
Max. storage temperature	85 °C					
Relative humidity	10...95 %					

Environmental conditions

Attribute	485EPFMT	485EPFPD	485EPFUB
Protection class, housing	IP20 DIN EN 60529		
Operating temperature min.	-10 °C		
Max. operating temperature	55 °C		
Min. storage temperature	-20 °C		
Max. storage temperature	85 °C		
Relative humidity	10...95 %		

Installation

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Mounting type	Mounting rail					
Weight	150 g					
Torque for connection terminals	0.6 N m					

Installation

Attribute	485EPFMT	485EPFPD	485EPFUB
Mounting type	Mounting rail		
Weight	150 g		
Torque for connection terminals	0.6 N m		

Connection

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Connection present on PC	yes					
Connection to base module	proprietary 5-way bus (T-connector)					
Screw terminals	yes					
Pluggable connection terminals	yes					
Min. connection cross section	0.5 mm ²					
Max. connection cross section	2.5 mm ²					

Connection

Attribute	485EPFMT	485EPFPD	485EPFUB
Connection present on PC	yes		
Connection to base module	proprietary 5-way bus (T-connector)		
Screw terminals	yes		
Pluggable connection terminals	yes		
Min. connection cross section	0.5 mm ²		
Max. connection cross section	2.5 mm ²		

Approvals

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
Certified in accordance with	UL 508 / CSA 22.2					

Approvals

Attribute	485EPFMT	485EPFPD	485EPFUB
Certified in accordance with	UL 508 / CSA 22.2		