



## eloProg fieldbus modules

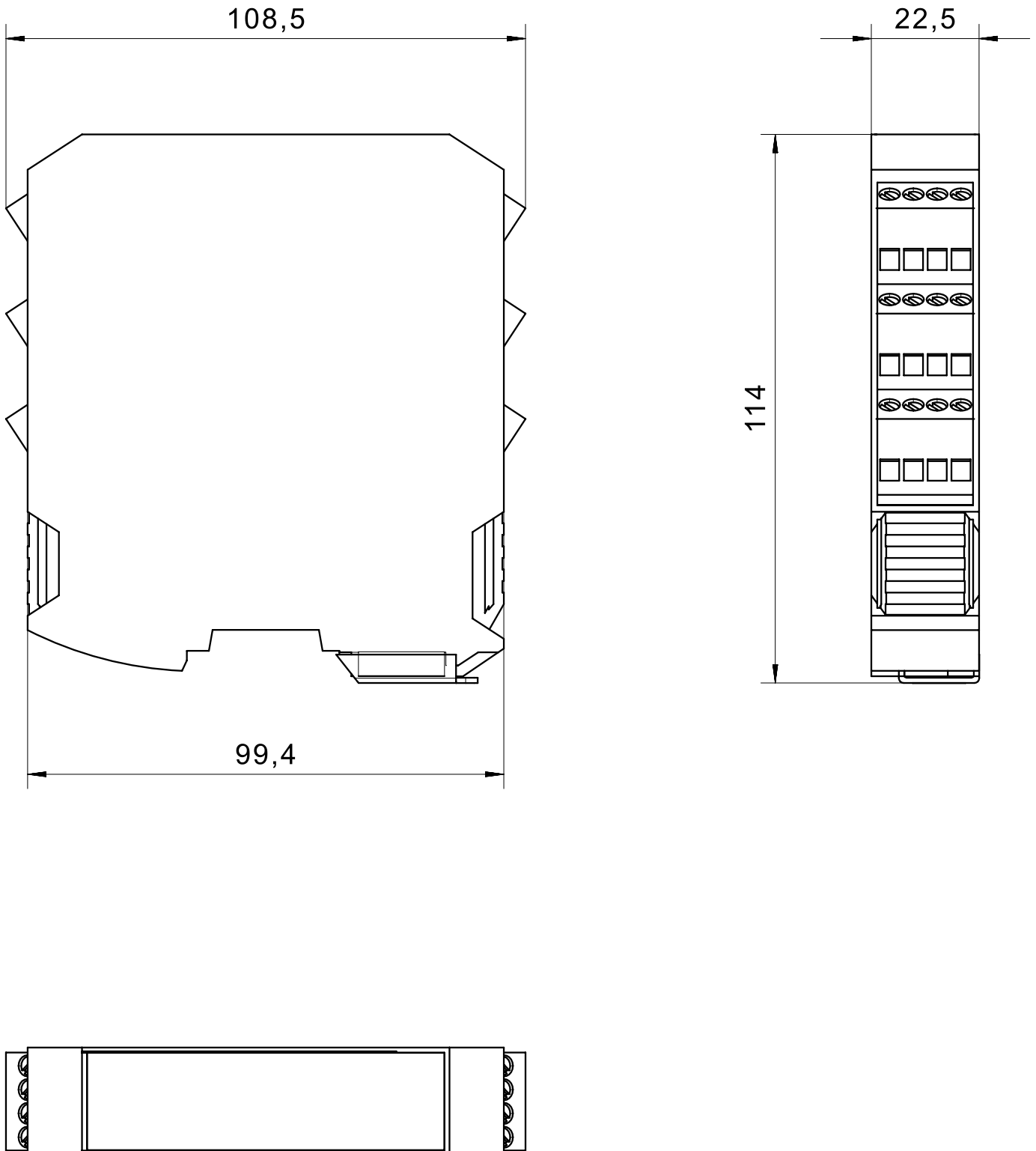
Direct connection to the machine control/PLC through the fieldbus modules. The configuration takes place with own bus configurator.

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.

- All common fieldbus 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

IMAGE 1/1



**Product options**

IMAGE 1/1

**ORDERING KEY**

485	EPF			Fieldbus module
		PD		Profibus DP
		DN		DeviceNet
		CO		CANopen
		EI		Ethernet IP
		EI	2	2x Ethernet IP
		EC		EtherCAT
		PN		PROFINET
		PN	2	2x PROFINET
		UB		Universal-Serial-Bus
		MR		Modbus RTU
		MT		Modbus TCP

### Article characteristics

Attribute	485EPFCO	485EPFDN	485EPFEC	485EPFEI	485EPFEI2	485EPFMR ▶
<b>Transmission rate</b>	max. 1 MBit/s	125 kBit/s 250 kBit/	-	100 MBit/s		-
<b>Operating voltage min.</b>	19.2 V DC					
<b>Operating voltage max.</b>	28.8 V DC					
<b>LED display</b>	two-coloured					
<b>Fieldbus system</b>	CANopen	DeviceNet	EtherCat	Ethernet IP	2x Ethernet IP	Modbus RTU
<b>Selectable station address</b>	0...125	0...63	Depending on the configuration			
<b>Dimensions</b>	108 x 22,5 x 114,5 mm (H/B/T)					
<b>Housing material</b>	PA					
<b>Housing colour</b>	grau					
<b>Protection class, housing</b>	IP20 DIN EN 60529					
<b>Operating temperature min.</b>	-10 °C					
<b>Max. operating temperature</b>	55 °C					
<b>Min. storage temperature</b>	-20 °C					
<b>Max. storage temperature</b>	85 °C					
<b>Relative humidity</b>	10...95 %					
<b>Mounting type</b>	Mounting rail					
<b>Weight</b>	150 g					
<b>Torque for connection terminals</b>	0.6 N m					
<b>Connection present on PC</b>	yes					
<b>Connection to base module</b>	proprietary 5-way bus (T-connector)					
<b>Screw terminals</b>	yes					
<b>Pluggable connection terminals</b>	yes					
<b>Min. connection cross section</b>	0.5 mm <sup>2</sup>					
<b>Max. connection cross section</b>	2.5 mm <sup>2</sup>					
<b>Certified in accordance with</b>	UL 508 / CSA 22.2					

### Article characteristics

Attribute	485EPFMT	485EPFPD	485EPFUB
Transmission rate	-	12 MBit/s	-
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
Selectable station address	Depending on the configuration	1...127	Depending on the configuration
Dimensions	108 x 22,5 x 114,5 mm (H/B/T)		
Housing material	PA		
Housing colour	grau		
Protection class, housing	IP20 DIN EN 60529		
Operating temperature min.	-10 °C		
Max. operating temperature	55 °C		
Min. storage temperature	-20 °C		
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