



eloProg fieldbus modules

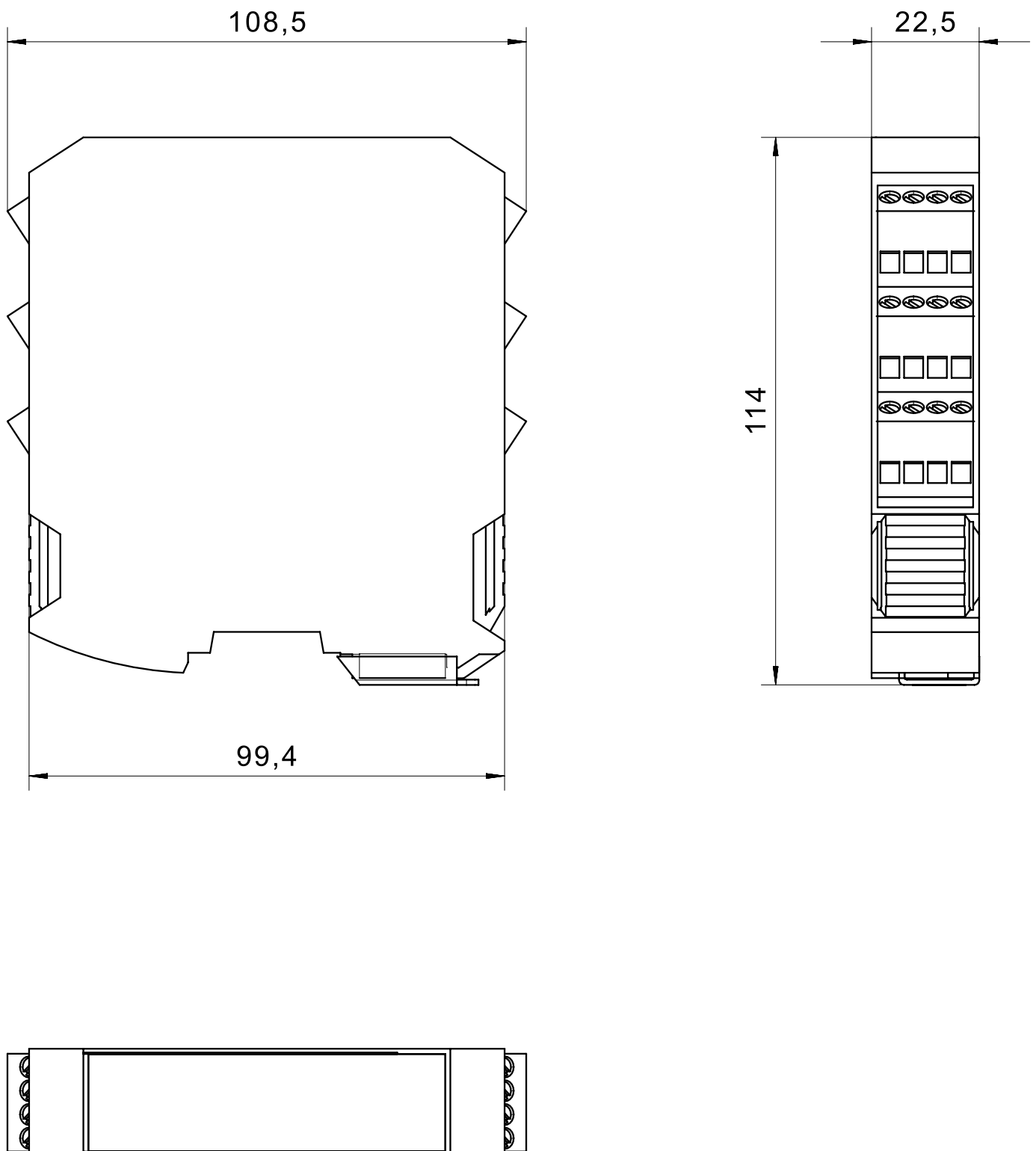
Direct connection to the machine control/PLC through the fieldbus modules. The configuration takes place with own bus configurator.

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 ▶
Transmission rate	max. 1 MBit/s	125 kBit/s 250 kBit/	–	100 MBit/s		–
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
Selectable station address	0...125	0...63	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					
Max. storage temperature	85 °C					
Relative humidity	10...95 %					
Mounting type	Mounting rail					
Weight	150 g					
Torque for connection terminals	0.6 N m					
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 mm²					
Max. connection cross section	2.5 mm²					
Certified in accordance with	UL 508 / CSA 22.2					

Attribute	485EPFMT	485EPFPD	485EPFUB	ED485EPFCO	ED485EPFDN	ED485EPFEC ▶
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			–		
Max. storage temperature	85 °C			–		
Relative humidity	10...95 %			–		
Mounting type	Mounting rail			–		
Weight	150 g			–		
Torque for connection terminals	0.6 N m			–		
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 mm²			–		
Max. connection cross section	2.5 mm²			–		
Certified in accordance with	UL 508 / CSA 22.2			–		

Attribute	ED485EPFEI	ED485EPFEI2	ED485EPFMR	ED485EPFMT	ED485EPFPD	ED485EPFUB
Transmission rate				-		
Operating voltage min.				-		
Operating voltage max.				-		
LED display				-		
Fieldbus system				-		
Selectable station address				-		
Dimensions				-		
Housing material				-		
Housing colour				-		
Protection class, housing				-		
Operating temperature min.				-		
Max. operating temperature				-		
Min. storage temperature				-		
Max. storage temperature				-		
Relative humidity				-		
Mounting type				-		
Weight				-		
Torque for connection terminals				-		
Connection present on PC				-		
Connection to base module				-		
Screw terminals				-		
Pluggable connection terminals				-		
Min. connection cross section				-		
Max. connection cross section				-		
Certified in accordance with				-		