



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 | | | | | |

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 | | |
| 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 | | |