

Electrical interface CPX-CTEL-4-M12-5POL

Part number: 1577012



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Protocol | I-Port |
| Dimensions W x L x H | 50 mm x 107 mm x 55 mm |
| Product weight | 110 g |
| Ambient temperature | -5 °C ... 50 °C |
| Storage temperature | -20 °C ... 70 °C |
| Degree of protection | IP65 IP67 |
| Corrosion resistance class (CRC) | (when installed) |
| Max. cable length | 20 m |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Note on materials | RoHS-compliant |
| Housing material | PC |
| LED indicators | I-Port status/diagnostics Module status Load supply status System supply status |
| Diagnostics | Communication error Module short circuit Module-orientated diagnostics Undervoltage |
| Control elements | DIL switch |
| Max. address capacity inputs | 32 byte |
| Max. address capacity outputs | 32 byte |
| Parameterization | Diagnostic behavior Fail-safe modes per channel Forcing per channel Idle mode per channel Module parameters Tool change mode |
| Internal cycle time | 1 ms per 1 byte of user data |
| Additional functions | Tool change mode |
| Electrical connection | M12 |
| DC operating voltage range | 18 V ... 30 V |
| Nominal operating voltage DC | 24 V |
| Intrinsic current consumption at nominal operating voltage | Typ. 65 mA |
| Power failure buffering | 10 ms |
| Max. residual current of outputs per channel | 4 x 1.6 A |
| Max. power supply per channel | 4 x 1.6 A |
| Electrical isolation between channels | no |

| Feature | Value |
|---|-----------------------------------|
| Electrical isolation between channel and internal bus | Yes, when using intermediate feed |
| Number of device interfaces | 4 |