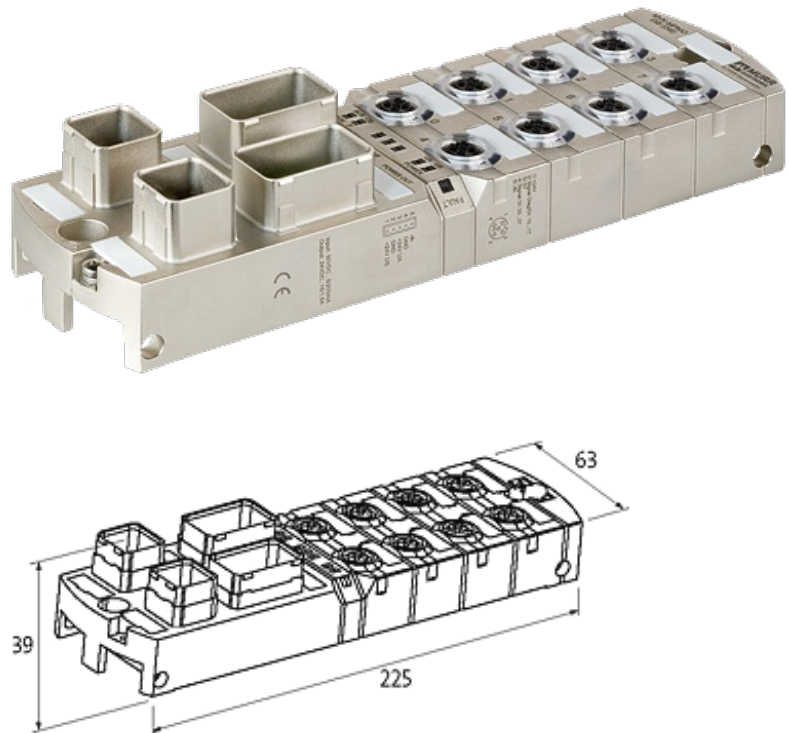


MVK+ MPNIO D18 D18 PUSH PULL GALVANIC SEPARATION

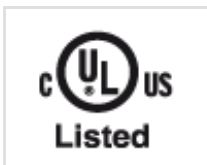
MVK ProfiNet Compact module, metal

Digital inputs
D18 (D18)

For connection cables please see chapter "Connection Technology" All housings are fully potted

[Link to Product](#)**Illustration**

Product may differ from Image

Approvals**More Info**

| Input | |
|-------------------------------|--|
| Sensor supply US | 24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected |
| Type | for 3-wire sensors or mechanical switches, PNP, (EN 61131-2) |
| Connections | |
| Fieldbus | Push Pull RJ45 Data connector |
| Sensor-system/actuator supply | Power plug, Push Pull, max. 12 A |
| I/O ports | M12, A-coded, 5-pole |
| Fieldbus | |
| Operating voltage | 24 V DC (EN 61131-2) |
| Operating modes | Autonegotiation/Auto MDI/MDI-X |
| Transfer rate | to 100 Mbit/s Full Duplex |
| FSU (Fast-Start-Up) | max. 500 ms |
| Addressing | DCP |
| General data | |
| Protection | IP67 |
| Mounting method | 2-hole screw mounting |
| Temperature range | 0...+55 °C (storage temperature -20...+70 °C) |
| Dimensions H x W x D | 42.7x63x225 mm |
| Parameterization | |
| PIN 4 | Input |
| PIN 2 | Input |
| Diagnostic | |
| Communication status | via LED |
| Diagnostic via LED | per module and channel |
| Diagnostic via BUS | per module and channel |
| Monitoring - under voltage | yes |
| Monitoring - no voltage | yes |
| Short circuit and overload | yes |
| Actuator warning | per channel via LED and BUS |
| Cable break | per port |
| Commercial data | |
| country of origin | DE |
| customs tariff number | 85176200 |
| minimum order quantity | 1 |