

**MVK+ MPNIO D18 D18 IRT PUSH PULL**

MVK ProfiNet, metal, galvanic separation

Digital inputs

D18 D18 (IRT)

Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector

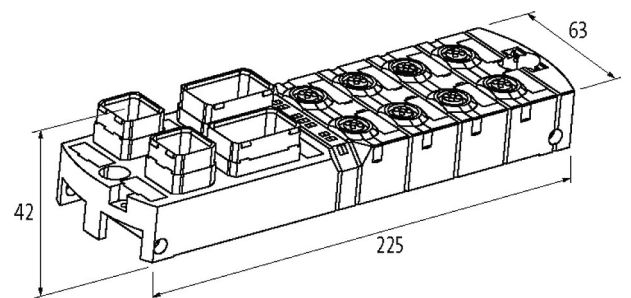
Push Pull Power connector, max. 12 A

M12, 5-pole, A-coded

Galvanic isolation

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

**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                                       |

**Connections**

|          |   |
|----------|---|
| Fieldbus | Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector |
|----------|---|

|                               |                                      |
|-------------------------------|--------------------------------------|
| Sensor-system/actuator supply | Push Pull Power connector, max. 12 A |
| I/O ports                     | M12, 5-pole, A-coded                 |

**General data**

|                   |   |
|-------------------|---|
| Protection        | IP67  |
| Mounting method   | 2-hole screw mounting                         |
| Temperature range | 0...+55 °C (storage temperature -20...+70 °C) |
| Dimensions H×W×D  | 42.7×63×225 mm                                |

**PROFINET**

|                        |                                 |
|------------------------|---------------------------------|
| FSU (Fast-Start-Up)    | max. 500 ms                     |
| Shared Device/Input    | yes, for 2 controls             |
| PROFINET Netload Class | III                             |
| Specification          | V2.2, Conformance Class C (IRT) |
| MRP                    | yes                             |
| Addressing             | DCP                             |

**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 | 85389099      |
| EAN                   | 4048879461672 |
| eClass                | 27242604      |
| Packaging unit        | 1             |