

## MVK MPNIO DI16 galvanic separation

MVK PROFINET compact module, metal

Digital inputs

DI16 (IRT)

Ethernet 10/100 Mbit/s; M12, D-coded

7/8", 5-pole, max. 9 A, protection against reverse polarization

M12, 5-pole, A-coded

FSU (Fast-Start-Up)

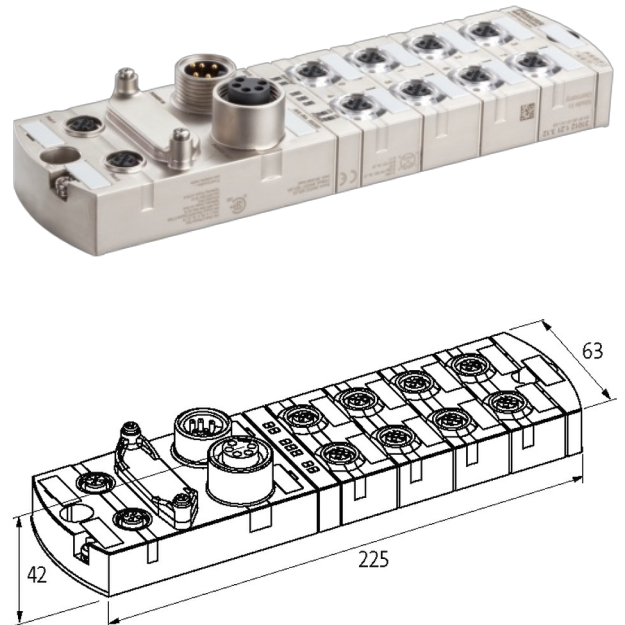
Galvanic isolation

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

Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### Approvals

Approvals

#### More Info



#### General data

|                   |   |
|-------------------|---|
| Mounting method   | 2-hole screw mounting                           |
| Temperature range | -25...+55 °C (storage temperature -25...+70 °C) |
| Protection        | IP67  |
| Dimensions H×W×D  | 39×63×225 mm                                    |

#### 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                                       |

| <b>Parameterization</b>       |   |
|-------------------------------|---|
| PIN 4                         | Input   |
| PIN 2                         | Input   |
| <b>Connections</b>            |   |
| Fieldbus                      | Ethernet 10/100 Mbit/s; M12, D-coded                            |
| Sensor-system/actuator supply | 7/8", 5-pole, max. 9 A, protection against reverse polarization |
| I/O ports                     | M12, 5-pole, A-coded  |
| <b>PROFINET</b>               |   |
| Specification                 | V2.3, Conformance Class C (IRT)                                 |
| Addressing                    | DCP   |
| FSU (Fast-Start-Up)           | max. 500 ms   |
| PROFINET Netload Class        | III   |
| MRP                           | yes   |
| Shared Device/Input           | yes, for 2 controls   |
| <b>Diagnostic</b>             |   |
| Communication status          | via LED   |
| Diagnostic via LED            | per module and channel  |
| Diagnostic via BUS            | per module and channel  |
| Actuator warning              | per channel via LED and BUS                                     |
| Monitoring - under voltage    | yes   |
| Monitoring - no voltage       | yes   |
| Short-circuit and overload    | yes   |
| Cable break                   | per port  |
| <b>Commercial data</b>        |   |
| country of origin             | DE  |
| customs tariff number         | 85389099  |
| EAN                           | 4048879798976   |
| Packaging unit                | 1.000   |