

## Impact67 PN DIO14 DIO2/IOL2 M12L 4P

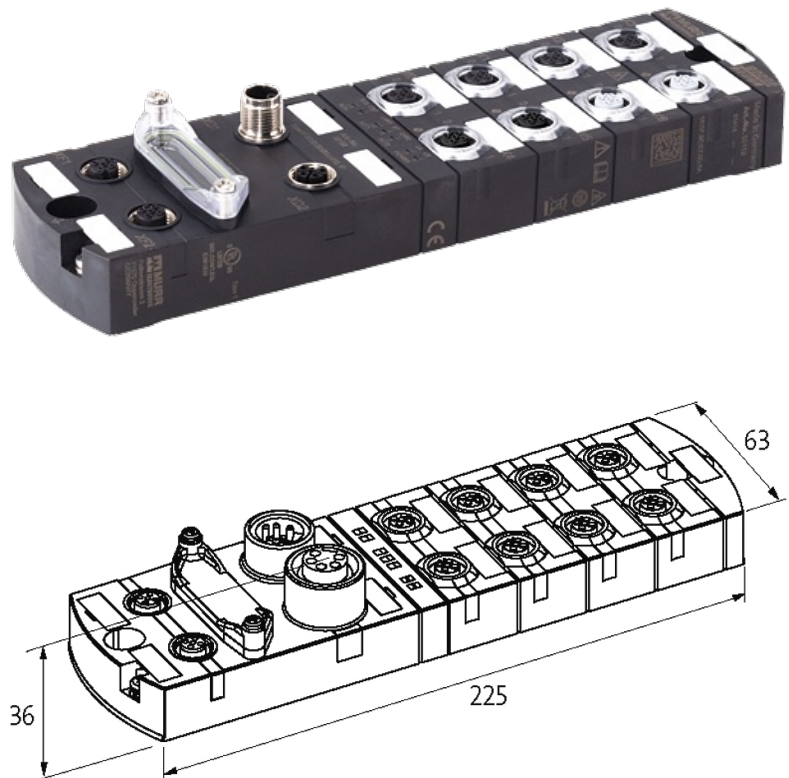
ProfiNet, Compact module,

Digital inputs/outputs  
DIO14 IOL2 (IRT)  
M12, D-coded  
IO-Link Master V1.12

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### 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, IO-Link Devices

### Connections

|                               |   |
|-------------------------------|---|
| Fieldbus                      | Ethernet 10/100 Mbit/s; M12, D-coded      |
| Sensor-system/actuator supply | M12 Power, 4-pole, L-coded, 2 × max. 16 A |
| I/O ports                     | M12, 5-pole, A-coded                      |

### General data

|                      |   |
|----------------------|---|
| Protection           | IP67  |
| Mounting method      | 2 hole screw mounting, compatible with I/O modules of MVK model range |
| Dimensions H × W × D | 39×63×225 mm  |
| Temperature range    | -25...+55 °C (storage temperature -25...+70 °C)                       |

### PROFINET

|                        |                                 |
|------------------------|---------------------------------|
| FSU (Fast-Start-Up)    | max. 500 ms                     |
| Shared Device/Input    | yes, for 2 controls             |
| PROFINET Netload Class | III                             |
| Specification          | V2.3, Conformance Class C (IRT) |
| Addressing             | DCP                             |

### IO-Link

|                     |                                      |
|---------------------|--------------------------------------|
| IO-Link             | 2 × Master                           |
| Operating modes     | COM1; COM2; COM3 (automatic)         |
| Transfer parameters | 32 Byte (via IO-Link Port)           |
| Port Class          | Class B (not galvanically separated) |
| Specification       | IO-Link Master V1.12                 |

### Output

|                              |   |
|------------------------------|---|
| Actuator supply UA           | 24 V DC (EN 61131-2), max. 9 A                    |
| Switching current per output | max. 1.6 A (short-circuit and overload protected) |
| Lamp load                    | 10 W  |

### Parameterization

|       |   |
|-------|---|
| PIN 4 | Input/Output (port X0...X7); IO-Link Master (port X6, X7)             |
| PIN 2 | Input/Output (port X0...X7); U-Actuator IO-Link Class B (port X6, X7) |

### 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

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/19

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|                   |               |
|-------------------|---------------|
| country of origin | DE            |
| EAN               | 4048879735773 |
| Packaging unit    | 1             |

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