

MVK+ MPNIO DI8 DO8 IRT PUSH PULL

only for Daimler Projects !

Digital inputs/outputs

DI8 DO8 (IRT)

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

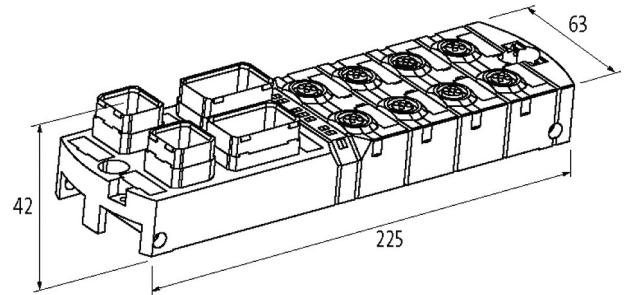
Push Pull Power connector, max. 12 A

M12, 5-pole, A-coded

Galvanic isolation

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

Housing fully potted.

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

Product may differ from Image

**General data**

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

Output

| | |
|------------------------------|---|
| Lamp load | 10 W |
| Actuator supply UA | 24 V DC (EN 61131-2), max. 12 A |
| Switching current per output | max. 2 A (short-circuit and overload protected) |

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 |

Parameterization

| | |
|-------|---|
| PIN 4 | Input (port 4...7); Output (port 0...3) |
| PIN 2 | Input (port 4...7); Output (port 0...3) |

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 |

PROFINET

| | |
|---------------|---------------------------------|
| Specification | V2.2, Conformance Class C (IRT) |
| Addressing | DCP |

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: 03/22

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk

| | |
|------------------------|---------------------|
| FSU (Fast-Start-Up) | max. 500 ms |
| PROFINET Netload Class | III |
| MRP | yes |
| Shared Device | yes, for 2 controls |

Diagnostic

| | |
|----------------------------|-----------------------------|
| 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 |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85389099 |
| EAN | 4048879563376 |
| eClass | 27242604 |
| Packaging unit | 1.000 |