## MVK-MPNIO DIO8 (DIO8)

Use only as spare part! newer version! - contact Murrelektronik

Digital inputs/outputs
DIO8 DIO8
Ethernet 10/100 Mbit/s; M12, D-coded
7/8", 5-pole, $2 \times$ max. 9 A
M12, 5-pole, A-coded
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

Link to Product


Product may differ from Image


| Commercial data | 27242604 |
| :--- | :--- |
| ECLASS-6.0 | 27242604 |
| ECLASS-6.1 | 27242604 |
| ECLASS-7.0 | 27242604 |
| ECLASS-8.0 | 27242604 |
| ECLASS-9.0 | 27242604 |
| ECLASS-10.1 | 27242604 |
| ECLASS-11.1 | 27242604 |
| ECLASS-12.0 | EC001599 |
| ETIM-5.0 | 85389099 |
| Customs tariff number | 4048879051620 |
| GTIN | 1 |
| Packaging unit |  |
| Electrical data \| Supply | 24 V |
| Operating voltage DC | EN $61131-2$ |
| Norm operating voltage | 24 V |
| Operating voltage US DC | 24 V |

stay connected

Total current US max. 9 A

| Electrical data \| Input |  |
| :---: | :---: |
| Overload resistant | yes |
| Short-circuit protected | yes |
| Type input | PNP, for 3-wire sensors or mechanical switches |
| Sensor current US per input max. | 0,2 A |
| Electrical data \| Output |  |
| Overload resistant | yes |
| Short-circuit protected | yes |
| Output current per pin max. | 1,6 A |
| Lamp load | 10 W |
| Industrial communication |  |
| Supported protocol | PROFINET |
| Industrial communication \| Profinet |  |
| PROFINET addressing | DCP |
| PROFINET conformance class | B |
| PROFINET specification | V2.2 |
| Diagnostics |  |
| Actuator warning | per channel via LED and BUS |
| Diagnostic | No voltage, Under voltage |
| Diagnostic via BUS | per module and channel |
| Diagnostic via LED | per module and channel |
| Short circuit diagnosis | yes |
| LED display | Ethernet connection/data traffic |
| Cable break | per port |
| Overload diagnosis | yes |
| Device protection \| Electrical |  |
| Degree of protection (EN IEC 60529) | IP67 |
| Mechanical data \| Mounting data |  |
| Suitable for mounting type | 2-hole screw mounting |
| Height | 42 mm |
| Width | 63 mm |
| Depth | 225 mm |
| Environmental characteristics \| Climatic |  |
| Operating temperature min. | $-25^{\circ} \mathrm{C}$ |
| Operating temperature max. | $55^{\circ} \mathrm{C}$ |
| Storage temperature min. | $-25^{\circ} \mathrm{C}$ |
| Storage temperature max. | $70^{\circ} \mathrm{C}$ |
| Connection type 4 |  |
| Connection type 1 | 4-7 |
| Connection type 2 | Bus Out |
| Connection type 3 | Power In |
| Connection type 4 | Power Out |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 5 |
| PIN 1 | 24 V DC (US) |
| PIN 2 | DI / DO / Diag |
| PIN 3 | 0 V (US) |


| PIN 4 | DI/ DO |
| :---: | :---: |
| PIN 5 | PE |
| Mounting method | inserted, screwed |
| Tightening torque | 0,6 Nm |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | D |
| No. of poles | 4 |
| PIN 1 | TD + |
| PIN 2 | RD + |
| PIN 3 | TD - |
| PIN 4 | RD - |
| Family construction form | 7/8" |
| Gender | male |
| Color contact carrier | black |
| No. of poles | 5 |
| PIN 1 | 0 V (UA) |
| PIN 2 | 0 V (US) |
| PIN 3 | PE |
| PIN 4 | 24 V DC (US) |
| PIN 5 | 24 V DC (UA) |
| Family construction form | 7/8" |
| Gender | female |
| Color contact carrier | black |
| No. of poles | 5 |
| PIN 1 | 0 V (UA) |
| PIN 2 | 0 V (US) |
| PIN 3 | PE |
| PIN 4 | 24 V DC (US) |
| PIN 5 | 24 V DC (UA) |

