

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 do produto

Ilustração



Produto pode diferir da imagem



| Dados comerciais         |               |
|--------------------------|---------------|
| 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              | 27242604      |
| ETIM-5.0                 | EC001599      |
| Classificação fiscal     | 85389099      |
| GTIN                     | 4048879563376 |
| Quantidade por embalagem | 1             |
| Electrical data   Supply |               |
| Norm operating voltage   | EN 61131-2    |
| Operating voltage US DC  | 24 V          |
| Operating voltage UA DC  | 24 V          |
| Total current UA max.    | 12 A          |

|                       |      |
|-----------------------|------|
| Total current US max. | 12 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. | 2 A  |
| Lamp load                   | 10 W |

**Industrial communication**

|                    |          |
|--------------------|----------|
| Supported protocol | PROFINET |
|--------------------|----------|

**Industrial communication | Profinet**

|                                                   |       |
|---------------------------------------------------|-------|
| Number of active connections (IO controller) max. | 2     |
| FSU (Fast-Start-Up)                               | yes   |
| Fast start up time max.                           | 0,5 s |
| IRT (network communication)                       | yes   |
| MRP client                                        | yes   |
| PROFINET Netload Class                            | III   |
| PROFINET addressing                               | DCP   |
| PROFINET conformance class                        | C     |
| PROFINET specification                            | V2.2  |
| Shared device/input                               | yes   |

**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                     | 42,7 mm               |
| Width                      | 63 mm                 |
| Depth                      | 225 mm                |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 70 °C  |

**Connection type 4**

|                          |        |
|--------------------------|--------|
| Family construction form | M12    |
| Gender                   | female |
| Color contact carrier    | black  |
| Coding                   | A      |

|                          |              |
|--------------------------|--------------|
| No. of poles             | 5            |
| PIN 1                    | n.c.         |
| PIN 2                    | DO           |
| PIN 3                    | 0 V (UA)     |
| PIN 4                    | DO           |
| PIN 5                    | PE           |
| 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           |
| PIN 3                    | 0 V (US)     |
| PIN 4                    | DI           |
| PIN 5                    | PE           |
| Family construction form | Push Pull    |
| Gender                   | male         |
| Color contact carrier    | green        |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | 0 V (US)     |
| PIN 3                    | 24 V DC (UA) |
| PIN 4                    | 0 V (UA)     |
| PIN 5                    | PE           |
| Family construction form | RJ45         |
| Gender                   | female       |
| Color contact carrier    | black        |
| No. of poles             | 8            |
| PIN 1                    | TD +         |
| PIN 2                    | TD -         |
| PIN 3                    | RD +         |
| PIN 4                    | n.c.         |
| PIN 5                    | n.c.         |
| PIN 6                    | RD -         |
| PIN 7                    | n.c.         |
| PIN 8                    | n.c.         |