

## MVK E/A KOMPAKTMODUL, METALLAUSFÜHRUNG

Profibus DP, 8 dig. Aus / 8 dig. Ein/Diag

Art.No.: 55274

Weight: 0.812

Country of origin: DE

Model designation: MVK-MP DO4 (DO4) DI4 (DI4)

Digital inputs/outputs

DI8 DO8

PROFIBUS 12 Mbit/s; M12, B-coded

7/8", 5-pole, 2× max. 9 A

M12, 5-pole, A-coded

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

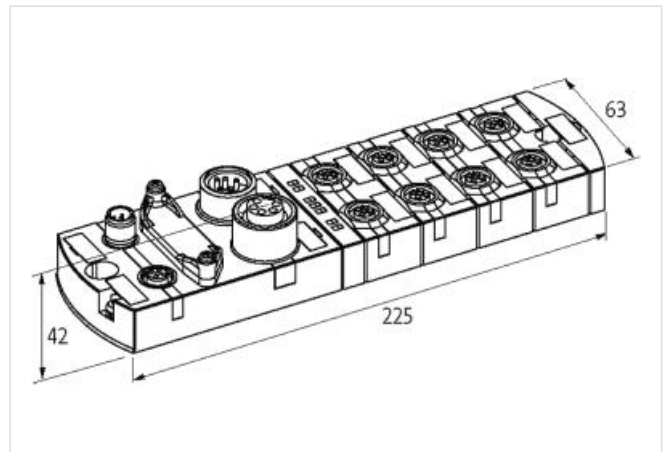
Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### Commercial data

|                       |               |
|-----------------------|---------------|
| 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      |
| customs tariff number | 85389099      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879051705 |
| GTIN                  | 4048879051705 |
| Packaging unit        | 1             |
| Packaging unit        | 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.   | 9 A        |
| Total current US max.   | 9 A        |

**Electrical data | Input**

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Type input                       | PNP, for 3-wire sensors or mechanical switches |
| Overload resistant               | yes                                            |
| Short-circuit protected          | yes                                            |
| 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 | Bus data**

|                      |               |
|----------------------|---------------|
| Address range min.   | 1             |
| Address range max.   | 99            |
| Address setting type | Rotary switch |

**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 °C |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -25 °C |
| Storage temperature max.   | 70 °C  |

**Connection type 5**

|                          |           |
|--------------------------|-----------|
| Connection type 1        | 0-3       |
| Connection type 2        | 4-7       |
| Connection type 3        | Bus Out   |
| Connection type 4        | Power In  |
| Connection type 5        | Power Out |
| 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 / Diag    |
| PIN 3                    | 0 V (US)     |
| PIN 4                    | DI           |
| PIN 5                    | PE           |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | B            |
| No. of poles             | 5            |
| PIN 1                    | 5 V 2        |
| PIN 2                    | A GN         |
| PIN 3                    | 0 V 2        |
| PIN 4                    | B RD         |
| PIN 5                    | n.c.         |
| 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) |