

MVK I/O COMPACT MODULE, METAL

Profibus DP, 4 analog In / 8 multif. channels

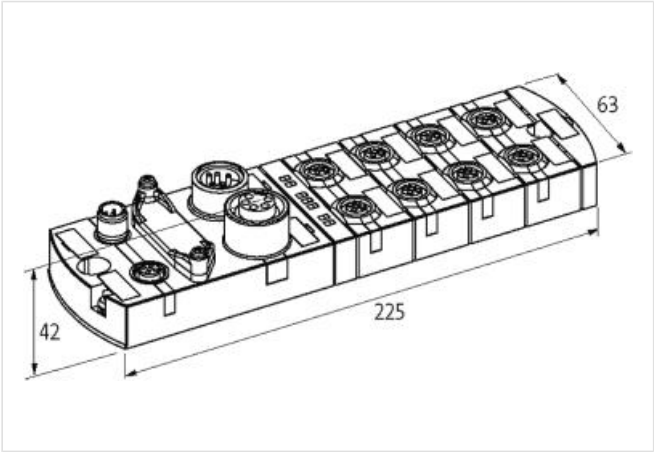
Digital inputs/outputs  
DIO4 DIO4 AI4  
PROFIBUS 12 Mbit/s; M12, B-coded  
7/8", 5-pole, 2× max. 9 A  
M12, 5-pole, A-coded  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

Link to Product

Illustration



Product may differ from Image



| Commercial data          |               |
|--------------------------|---------------|
| ECLASS-6.0               | 27242604      |
| ECLASS-6.1               | 27242602      |
| ECLASS-7.0               | 27242602      |
| ECLASS-8.0               | 27242602      |
| ECLASS-9.0               | 27242602      |
| ECLASS-10.1              | 27242602      |
| ECLASS-11.1              | 27242602      |
| ECLASS-12.0              | 27242602      |
| ETIM-5.0                 | EC001597      |
| customs tariff number    | 85389099      |
| GTIN                     | 4048879051583 |
| 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**

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Overload resistant               | yes                                            |
| Type input                       | PNP, for 3-wire sensors or mechanical switches |
| Sensor current US per input max. | 0,2 A                                          |
| Conversion time analog input     | 7 ms                                           |

**Electrical data | Output**

|                                     |       |
|-------------------------------------|-------|
| Actuator current UA per output 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 |
| Overload diagnosis      | yes                              |

**Device protection | Electrical**

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP67 |
| Overload resistant                  | yes  |
| Short-circuit protected             | yes  |

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

**Connection type 6**

|                          |              |
|--------------------------|--------------|
| Connection type 1        | 0-3          |
| Connection type 2        | 4-7          |
| Connection type 3        | Bus In       |
| Connection type 4        | Bus Out      |
| Connection type 5        | Power In     |
| Connection type 6        | Power Out    |
| Family construction form | M12          |
| Gender                   | female       |
| Color contact carrier    | green        |
| Coding                   | A            |
| No. of poles             | 5            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | A +          |
| PIN 3                    | 0 V          |
| PIN 4                    | 0 V          |
| PIN 5                    | FE           |

|                          |                |
|--------------------------|----------------|
| 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             |
| Family construction form | M12            |
| Gender                   | male           |
| Color contact carrier    | black          |
| Coding                   | B              |
| No. of poles             | 5              |
| PIN 1                    | n.c.           |
| PIN 2                    | A GN           |
| PIN 3                    | n.c.           |
| PIN 4                    | B RD           |
| PIN 5                    | n.c.           |
| 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)   |