

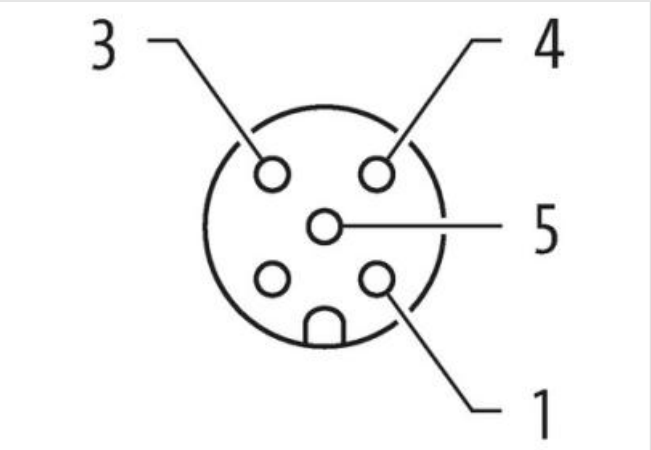
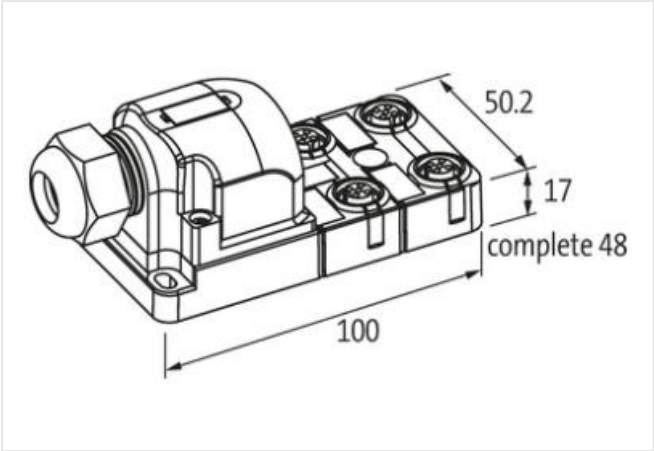
MVP12, 4XM12, 4POLE, PLUGGABLE CABLE

15.0m PUR/PVC 4x0,34+3x0,75

4-way, 4-pole  
PUR/PVC  
15.0 m  
with LED for digital PNP-signals 24 V DC  
Further cable lengths on request.  
Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration



Product may differ from Image



| 取引条件       |          |
|------------|----------|
| ECLASS-6.0 | 27279219 |
| ECLASS-6.1 | 27279219 |
| ECLASS-7.0 | 27279219 |
| ECLASS-8.0 | 27279219 |

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| ECLASS-9.0                               | 27440108                                              |
| ECLASS-10.1                              | 27440108                                              |
| ECLASS-11.1                              | 27440108                                              |
| ECLASS-12.0                              | 27440108                                              |
| ETIM-5.0                                 | EC002585                                              |
| GTIN                                     | 4048879064637                                         |
| HSコード                                    | 85444290                                              |
| Packaging unit                           | 1                                                     |
| Electrical data   Supply                 |                                                       |
| Operating voltage DC                     | 24 V                                                  |
| Operating voltage DC min.                | 18 V                                                  |
| Operating voltage DC max.                | 30 V                                                  |
| Current operating per contact max.       | 4 A                                                   |
| Total current max.                       | 8 A                                                   |
| Industrial communication                 |                                                       |
| Number of signals per port               | 1                                                     |
| Installation   Connection                |                                                       |
| Mounting set                             | M12 x 1                                               |
| Device protection   Electrical           |                                                       |
| Degree of protection (EN IEC 60529)      | IP65, IP67                                            |
| Additional condition protection degree   | inserted, screwed                                     |
| Device protection   Media                |                                                       |
| Flame resistance                         | flame retardant                                       |
| Mechanical data   Material data          |                                                       |
| Material housing                         | PBT                                                   |
| Mechanical data   Mounting data          |                                                       |
| Mounting method                          | Schraubgewinde                                        |
| Height                                   | 100 mm                                                |
| Width                                    | 50,2 mm                                               |
| Depth                                    | 17 mm                                                 |
| Environmental characteristics   Climatic |                                                       |
| Operating temperature min.               | -20 °C                                                |
| Operating temperature max.               | 80 °C                                                 |
| Installation   Cable                     |                                                       |
| STOOW style jacket                       | Hybrid, Signal, Power                                 |
| Cable identification                     | 333                                                   |
| Cable Type                               | 2                                                     |
| Jacket Color                             | gray                                                  |
| Type of Certificate                      | cURus                                                 |
| Amount stranding                         | 1                                                     |
| Stranding                                | 7 wires around Core filler twisted                    |
| Filler                                   | yes                                                   |
| wire arrangement                         | white, green, yellow, gray, brown, blue, green-yellow |
| Cable weigth                             | 105,6 g/m                                             |
| Material jacket                          | PUR                                                   |
| Shore hardness jacket                    | 87 ± 5 Shore A                                        |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free      |
| Outer-diameter (jacket)                  | 7,4 mm                                                |
| Tolerance outer diameter (sheath)        | ± 5 %                                                 |
| Material inner jacket                    | PVC                                                   |
| Color (inner jacket)                     | gray                                                  |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Material wire insulation                          | PVC                                                  |
| Amount wires                                      | 4                                                    |
| Outer diameter insulation                         | 1,3 mm                                               |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Shore hardness wire insulation                    | 43 ± 5 Shore D                                       |
| Material properties wire insulation               | good machinability                                   |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands (wire)                             | 19                                                   |
| Diameter of single wires                          | 0,15 mm                                              |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                 |
| Traversing distance (C-track)                     | 5 m                                                  |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Travel speed (C-track)                            | 3                                                    |
| Material wire insulation (Power)                  | PVC                                                  |
| Outer diameter wire insulation (Power)            | 1,8 mm                                               |
| Tolerance outer diameter wire insulation (Power)  | ±5 %                                                 |
| Shore hardness wire insulation (Power)            | 43±5 Shore D                                         |
| Material properties wire insulation (Power)       | good machinability                                   |
| Ingredient freeness wire insulation (Power)       | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands wire (Power)                       | 24                                                   |
| Diameter of single wires (Power)                  | 0,2 mm                                               |
| Wire conductor cross section (Power)              | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | Strand class 5                                       |
| Max. rated voltage (conductor - conductor)        | 300 V                                                |
| Max. rated voltage (conductor - ground)           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 4 A                                                  |
| Loop resistance                                   | 7,8 A                                                |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Power)        | 26 Ω/km @20 °C                                       |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                          |
| Min. operating temperature (static)               | -30 °C                                               |
| Max. operating temperature (fixed)                | 80 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 70 °C                                                |
| Flame resistance                                  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 2 Mio.                                               |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| Color contact carrier    | gray           |
| No. of poles             | 7              |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |

このデータシートに含まれる情報は最大限の注意を払って作成されました。

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-07

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|              |        |
|--------------|--------|
| Coding       | A      |
| No. of poles | 4      |
| PIN 1        | +      |
| PIN 2        | n.c.   |
| PIN 3        | -      |
| PIN 4        | NO S 1 |
| PIN 5        | PE     |