

MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

10.0m PUR 16x0,34+3X0.75, UL/CSA

8-way, 5-pole  
10.0 m  
shielded  
Replaces identical product (Art.No. 27513)  
with LED for digital PNP-signals 24 V DC  
Further cable lengths on request.

Link naar het product

Afbeelding



Product van afwijken van afbeelding



| Commerciële gegevens |          |
|----------------------|----------|
| 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                                                                                                                                                                             |
| Douane tarief nummer                     | 85444290                                                                                                                                                                             |
| GTIN                                     | 4048879352208                                                                                                                                                                        |
| Verpakkingseenheid                       | 1                                                                                                                                                                                    |
| Electrical data   Supply                 |                                                                                                                                                                                      |
| Operating voltage DC                     | 24 V                                                                                                                                                                                 |
| Current operating per contact max.       | 4 A                                                                                                                                                                                  |
| Installation   Connection                |                                                                                                                                                                                      |
| Mounting set                             | M12 x 1                                                                                                                                                                              |
| Device protection   Electrical           |                                                                                                                                                                                      |
| Degree of protection (EN IEC 60529)      | IP65, IP67, IP68                                                                                                                                                                     |
| Mechanical data   Material data          |                                                                                                                                                                                      |
| Coating housing                          | Nickeled                                                                                                                                                                             |
| Material housing                         | Zinc die-casting                                                                                                                                                                     |
| Mechanical data   Mounting data          |                                                                                                                                                                                      |
| Mounting method                          | Schraubgewinde                                                                                                                                                                       |
| Environmental characteristics   Climatic |                                                                                                                                                                                      |
| Operating temperature min.               | -25 °C                                                                                                                                                                               |
| Operating temperature max.               | 90 °C                                                                                                                                                                                |
| Additional condition temperature range   | depending on cable quality                                                                                                                                                           |
| Installation   Cable                     |                                                                                                                                                                                      |
| Cable identification                     | 401                                                                                                                                                                                  |
| Jacket Color                             | gray                                                                                                                                                                                 |
| Type of Certificate                      | cURus                                                                                                                                                                                |
| Amount stranding                         | 1                                                                                                                                                                                    |
| Stranding                                | 3 wires twisted                                                                                                                                                                      |
| Stranding factor min.                    | 80 mm                                                                                                                                                                                |
| Stranding factor max.                    | 80 mm                                                                                                                                                                                |
| Amount stranding (type 2)                | 1                                                                                                                                                                                    |
| Stranding (type 2)                       | 16 wires around Stranding combination counter-rotating twisted                                                                                                                       |
| Stranding factor min. (type 2)           | 120 mm                                                                                                                                                                               |
| Stranding factor max. (type 2)           | 120 mm                                                                                                                                                                               |
| Cable shielding (type)                   | copper braid, tinned                                                                                                                                                                 |
| Cable shielding (coverage)               | 80 %                                                                                                                                                                                 |
| Banding                                  | Fleece                                                                                                                                                                               |
| wire arrangement                         | (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellow |
| Cable weigth                             | 237,6 g/m                                                                                                                                                                            |
| Material jacket                          | PUR                                                                                                                                                                                  |
| Shore hardness jacket                    | 94 ± 5 Shore A                                                                                                                                                                       |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free                                                                                                            |
| Outer-diameter (jacket)                  | 11,7 mm                                                                                                                                                                              |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                                                                                |
| Material wire insulation                 | PP                                                                                                                                                                                   |
| Amount wires                             | 3                                                                                                                                                                                    |
| Outer diameter insulation                | 2,6 mm                                                                                                                                                                               |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                                                                                |
| Shore hardness wire insulation           | 55 ± 5 Shore D                                                                                                                                                                       |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 96                                                             |
| Diameter of single wires                          | 0,1 mm                                                         |
| Conductor crosssection (wire)                     | 0,75 mm <sup>2</sup>                                           |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| Traversing distance (C-track)                     | 1,8 m @ 25 °C   horizontal                                     |
| Material wire insulation (Data)                   | PP                                                             |
| Outer diameter wire insulation (Data)             | 1,3 mm                                                         |
| Tolerance outer diameter wire insulation (data)   | ± 5 %                                                          |
| Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount wires (Data)                               | 16                                                             |
| Amount strands wire (Data)                        | 42                                                             |
| Diameter of single wires (Data)                   | 0,1 mm                                                         |
| Conductor crosssection wire (Data)                | 0,34 mm <sup>2</sup>                                           |
| Material conductor wire (Data)                    | Stranded copper wire, bare                                     |
| Wire conductor type (Data)                        | strand class 6                                                 |
| 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                   | 12 A                                                           |
| Current load capacity min. Wire (Data)            | 4 A                                                            |
| Electrical resistance line constant wire          | 26 Ω/km @ 20 °C                                                |
| Electrical resistance coating wire (Data)         | 53 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                                    |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                    |
| AC withstand voltage (wire - shield)              | 2 kV @ 60 s                                                    |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 90 °C                                                          |
| Operating temperature min. (dynamic)              | -40 °C                                                         |
| Operating temperature max. (dynamic)              | 90 °C                                                          |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (installation)                     | x Outer diameter                                               |
| Bending radius (fixed)                            | 10 x Outer diameter                                            |
| Bending radius (dynamic)                          | 12 x Outer diameter                                            |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C                                                 |

#### Connection type 2

|                          |                |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles             | 16             |
| Family construction form | M12            |
| Gender                   | female         |
| Color contact carrier    | black          |
| Coding                   | A              |
| No. of poles             | 5              |
| PIN 1                    | +              |
| PIN 2                    | NC S 2         |
| PIN 3                    | -              |
| PIN 4                    | NO S 1         |

PIN 5

PE