

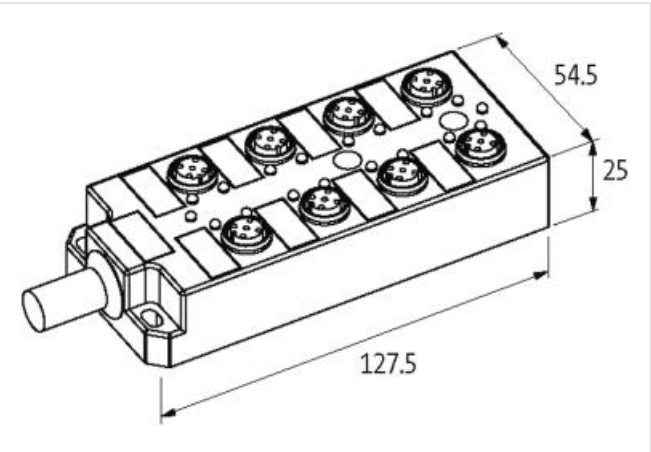
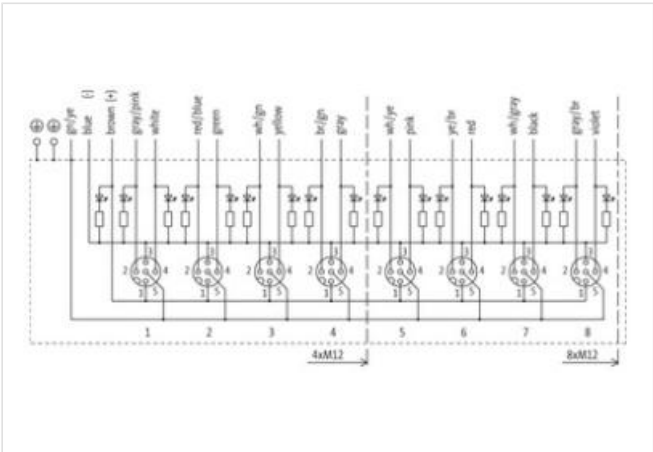
MVP XTREME 8XM12, 5-POLE, FIXED CABLE

15m PUR, 16x0.5+3x1.0, bl halogen free UL/CSA

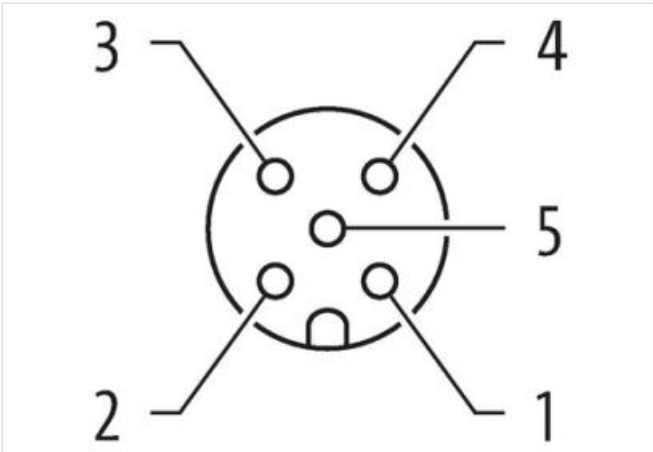
5-pole  
3.0 m  
with LED for digital PNP-signals 24 V DC  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



| 取引条件        |          |
|-------------|----------|
| ECLASS-6.0  | 27143423 |
| 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                                     | 4048879315302                                                                                                                                                                        |
| HSコード                                    | 85444290                                                                                                                                                                             |
| Packaging unit                           | 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          |                                                                                                                                                                                      |
| Material housing                         | Plastic                                                                                                                                                                              |
| Mechanical data   Mounting data          |                                                                                                                                                                                      |
| Mounting method                          | Schraubgewinde                                                                                                                                                                       |
| Environmental characteristics   Climatic |                                                                                                                                                                                      |
| Operating temperature min.               | -30 °C                                                                                                                                                                               |
| Operating temperature max.               | 85 °C                                                                                                                                                                                |
| Additional condition temperature range   | depending on cable quality                                                                                                                                                           |
| Installation   Cable                     |                                                                                                                                                                                      |
| Cable identification                     | 456                                                                                                                                                                                  |
| Jacket Color                             | black                                                                                                                                                                                |
| Type of Certificate                      | cURus                                                                                                                                                                                |
| Amount stranding                         | 1                                                                                                                                                                                    |
| Stranding                                | 7 wires around Core filler twisted                                                                                                                                                   |
| Stranding factor min.                    | 80 mm                                                                                                                                                                                |
| Stranding factor max.                    | 80 mm                                                                                                                                                                                |
| Amount stranding (type 2)                | 1                                                                                                                                                                                    |
| Stranding (type 2)                       | 12 wires counter-rotating twisted                                                                                                                                                    |
| Stranding factor min. (type 2)           | 140 mm                                                                                                                                                                               |
| Stranding factor max. (type 2)           | 140 mm                                                                                                                                                                               |
| Banding                                  | Fleece                                                                                                                                                                               |
| Filler                                   | yes                                                                                                                                                                                  |
| wire arrangement                         | gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) |
| Cable weigth                             | 178,2 g/m                                                                                                                                                                            |
| Material jacket                          | PUR                                                                                                                                                                                  |
| Shore hardness jacket                    | 94 ± 5 Shore A                                                                                                                                                                       |
| Freedom from ingredients (jacket)        | cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free                                                                                                                       |
| Outer-diameter (jacket)                  | 11,5 mm                                                                                                                                                                              |
| Tolerance outer diameter (sheath)        | ± 5 %                                                                                                                                                                                |
| Material wire insulation                 | TPE-E                                                                                                                                                                                |
| Amount wires                             | 16                                                                                                                                                                                   |
| Outer diameter insulation                | 1,6 mm                                                                                                                                                                               |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                                                                                |
| Shore hardness wire insulation           | 55 ± 5 Shore D                                                                                                                                                                       |
| Ingredient freeness wire insulation      | halogen-free, silicone-free, LABS-free                                                                                                                                               |
| Traversing distance (C-track)            | 1,8 m @ 25 °C                                                                                                                                                                        |
| Amount strands (wire)                    | 64                                                                                                                                                                                   |
| Diameter of single wires                 | 0,1 mm                                                                                                                                                                               |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Conductor crossection (wire)                      | 0,5 mm²                                              |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | strand class 6                                       |
| Material wire insulation (Data)                   | TPE-E                                                |
| Outer diameter wire insulation (Data)             | 2,1 mm                                               |
| Tolerance outer diameter wire insulation (data)   | ± 5 %                                                |
| Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                       |
| Ingredient freeness wire insulation (Data)        | halogen-free, silicone-free, LABS-free               |
| Amount wires (Data)                               | 3                                                    |
| Amount strands wire (Data)                        | 128                                                  |
| Diameter of single wires (Data)                   | 0,1 mm                                               |
| Conductor crossection wire (Data)                 | 1 mm²                                                |
| 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                   | 5,9 A                                                |
| Current load capacity min. Wire (Data)            | 15 A                                                 |
| Electrical resistance line constant wire          | 39 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Data)         | 20 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)               | -40 °C                                               |
| Max. operating temperature (fixed)                | 80 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 80 °C                                                |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| 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                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (installation)                     | x Outer diameter                                     |
| Bending radius (fixed)                            | x Outer diameter                                     |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C                                       |
| No. of torsion cycles                             | 0,5 Mio.                                             |
| Torsion stress                                    | ± 180 °/m                                            |

|                          |                |
|--------------------------|----------------|
| Connection type 2        |                |
| Family construction form | free cable end |
| Color contact carrier    | black          |
| No. of poles             | 19             |
| 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             |