

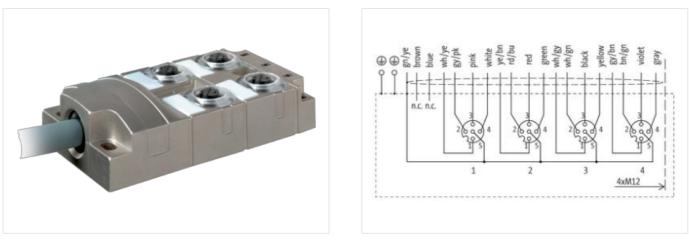
MVP12-METALL, 4XM12, 5-POLE, PRE-WIRED CABLE

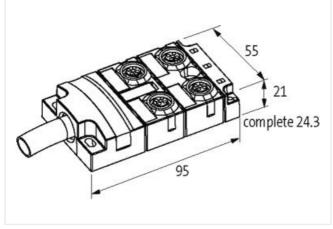
15.0m PUR 16x0,34+3X0.75

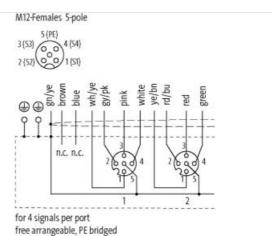
4-way UNIVERSAL, shielded 15.0 m 5-pole, with LED Replaces identical product (Art.No. 27464) Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



| Commercial data | | |
|-----------------|----------|--|
| ECLASS-6.0 | 27279219 | |
| ECLASS-6.1 | 27279219 | |
| ECLASS-7.0 | 27279219 | |
| ECLASS-8.0 | 27279219 | |
| ECLASS-9.0 | 27440108 | |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03



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| BandingFleecewire 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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Cable shielding (type) | copper braid, tinned |
| 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-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Cable shielding (coverage) | 80 % |
| Wire arrangementyellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Banding | Fleece |
| Material jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | wire arrangement | |
| Shore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Cable weigth | 237,6 g/m |
| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Material jacket | PUR |
| Outer-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Shore hardness jacket | 94 ± 5 Shore A |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 % | Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free |
| Material wire insulation PP Amount wires 3 Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 % | | - |
| Amount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 % | Tolerance outer diameter (sheath) | ±5% |
| Outer diameter insulation 2,6 mm Outer diameter tolerance core insulation ± 5 % | Material wire insulation | |
| Outer diameter tolerance core insulation ± 5 % | Amount wires | |
| | Outer diameter insulation | |
| Shore hardness wire insulation 55 ± 5 Shore D | | |
| | Shore hardness wire insulation | 55 ± 5 Shore D |

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| 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 ² |
| 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) | |
| 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 ² |
| 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 | 19 |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 5 |
| PIN 1 | S1 |
| PIN 2 | S2 |
| | |
| PIN 3 | S 3 |
| PIN 3 PIN 4 | \$3 \$4 |

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