

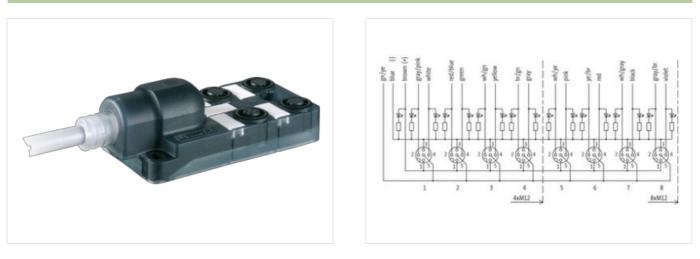
EXACT12, 4XM12, 5-POLE, MOULDED CABLE

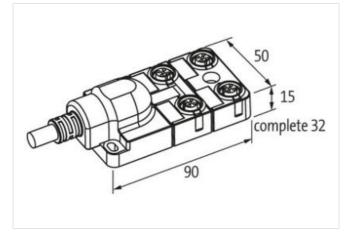
10.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

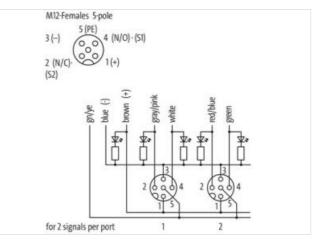
4-way, 5-pole PUR/PVC Further cable lengths on request. 10.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

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 | |

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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| Cable weigth143 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,1 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | Filler | - |
| Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,1 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | wire arrangement | |
| Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,1 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | Cable weigth | |
| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,1 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | | |
| Outer-diameter (jacket)8,1 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | | |
| Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm | | |
| Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mm | | |
| Color (inner jacket) gray Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm | | |
| Material wire insulation PVC Amount wires 8 Outer diameter insulation 1,3 mm | Material inner jacket | PVC |
| Amount wires 8 Outer diameter insulation 1,3 mm | | |
| Outer diameter insulation 1,3 mm | Material wire insulation | |
| | | |
| Outer diameter tolerance core insulation ± 5 % | Outer diameter insulation | |
| | Outer diameter tolerance core insulation | ±5% |

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| 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 ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) | 3 |
| Material wire insulation (Power) | PVC |
| Outer diameter wire insulation (Power) | 1,8 mm |
| Tolerance outer diameter wire insulation | 1,0 1111 |
| (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 ² |
| 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) | 0° 08 |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| 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. @ 25 °C |
| Connection type 2 | |
| Family construction form | free cable end |
| No. of poles | 11 |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | Α |
| No. of poles | 5 |
| PIN 1 | + |
| PIN 2 | NC S 2 |
| PIN 3 | - |
| | |

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NOS1

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PIN 4 PIN 5

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