

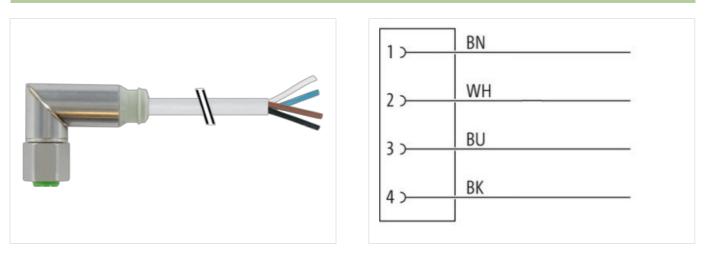
M12 Steel female 90° A-cod. with cable

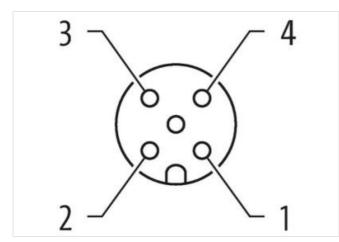
PVC 4x0.34 gy UL/CSA 15m

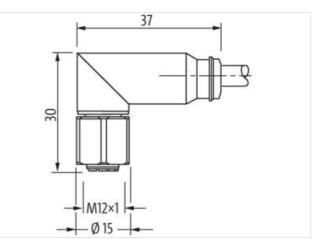
F&B-Steel Female 90° M12, 4-pole with cable sleeves Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image

| Cable length | 15 m | | |
|---|--------------------------|------|--|
| Side 1 | | | |
| Family construction form | M12 | | |
| Commercial data | | | |
| rmation in this Product-PDF has been compil | ed with the utmost care. | | |

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| ECLASS-6.0 | 27279218 | |
|---|---|--|
| ECLASS-7.0 | 27279218 | |
| ECLASS-8.0 | 27279218 | |
| ECLASS-9.0 | 27060311 | |
| ECLASS-10.1 | 27060311 | |
| ECLASS-11.1 | 27060311 | |
| ECLASS-12.0 | 27060311 | |
| ETIM-5.0 | EC001855 | |
| customs tariff number | 85444290 | |
| GTIN | 4048879565547 | |
| Packaging unit | 1 | |
| Electrical data Supply | | |
| Operating voltage AC max. | 32 V | |
| Operating voltage DC max. | 32 V | |
| Device protection Electrical | | |
| Pollution Degree | 2 | |
| | 3 2.5 kV | |
| Rated surge voltage | 2,0 KV | |
| Material group (IEC 60664-1) | | |
| Environmental characteristics Climatic | | |
| Operating temperature min. | -40 °C | |
| Operating temperature max. | 85 °C | |
| Additional condition temperature range | depending on cable quality | |
| Important installation notes | | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. | |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. | |
| ···· · · · · · · · · · · · · · · · · · | endangered by excessive bending forces. | |
| Installation Cable | endangered by excessive bending forces. | |
| Installation Cable | | |
| Installation Cable wire arrangement | brown, black, blue, white | |
| Installation Cable wire arrangement Cable identification | brown, black, blue, white 214 | |
| Installation Cable wire arrangement Cable identification Cable Type | brown, black, blue, white 214 1 | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color | brown, black, blue, white 214 1 gray | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate | brown, black, blue, white 214 1 gray cURus | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding | brown, black, blue, white 214 1 gray cURus 1 | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % | |
| Installation Cablewire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulation | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Outer diameter tolerance core insulation Shore hardness wire insulation | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D | |
| Installation Cablewire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulation | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D good machinability | |
| Installation Cable wire arrangement Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D | |
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| Installation Cablewire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulationIngredient freeness wire insulationIngredient freeness wire insulationAmount strands (wire)Diameter of single wires | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 1,25 mm ± 5 % 45 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 0,15 mm | |
| Installation Cablewire arrangementCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulationIngredient freeness wire insulationAmount strands (wire) | brown, black, blue, white 214 1 gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm ± 5 % 45 ± 5 Shore D good machinability lead-free, cadmium-free, CFC-free, silicone-free 19 | |

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: 2024-05-20

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| Conductor type (wire) | Strand class 5 | |
|---|--|--|
| Nominal voltage AC max. | 300 V | |
| Current load capacity (standard) | to DIN VDE 0298-4 | |
| Current load capacity min. wire | 4,8 A | |
| Electrical resistance line constant wire | 57 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) | 80 °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 | |

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