

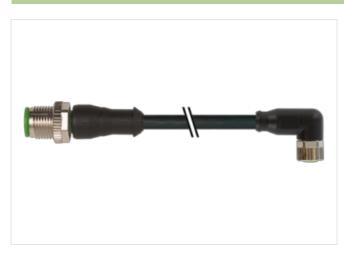
M12 male 0° / M8 female 90° A-cod.

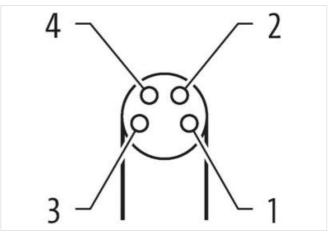
PUR 4x0.25 bk UL/CSA+robot+drag ch. 1m

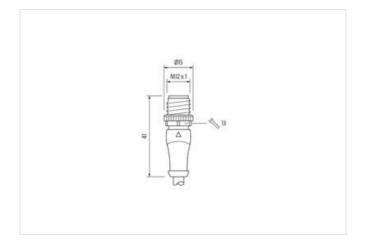
Male straight – female 90° M12 – M8, 4-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration

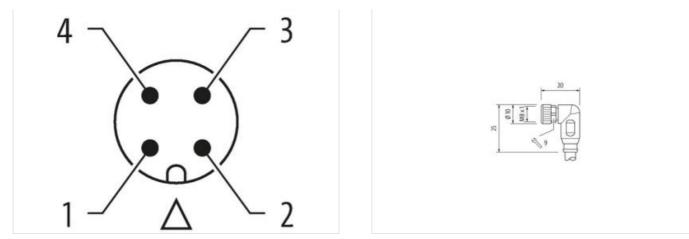












Product may differ from Image



| Cable length | 1 m |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Cable outlet | straight |
| Coding | A |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW13 |
| Side 2 | |
| Fightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 6,5 mm |
| Cable outlet | angled |
| Coding | A |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW9 |
| Commercial data | |
| 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 |

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| customs tariff number | 85444290 |
|--|--|
| GTIN | 4048879485609 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 50 V |
| Operating voltage DC max. | 60 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP65, IP67, IP66K |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data Material data | |
| Coating locking | safe-cover coated |
| Coating of fitting | nickel plated |
| Color housing | black |
| Color contact carrier | green |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Augulional condition temperature range | |
| Conformity | |
| | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| Conformity | |
| Conformity Product standard Installation Cable | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| Conformity Product standard Installation Cable Cable identification | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 |
| Conformity Product standard Installation Cable Cable identification Cable Type | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % |
| ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulation | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 |
| Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP |
| ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulation | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 1,25 mm |
| ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulationOuter diameter tolerance core insulation | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 651 5 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 31,9 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,7 mm ± 5 % PP 4 1,25 mm ± 5 % |

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| Amount strands (wire) | 32 |
|---|--|
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,25 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 3,6 A |
| Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| No. of torsion cycles | 1 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 360 °/m |

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