

M12 male 0° / M8 female 90° A-cod.

PVC 4x0.25 bk UL/CSA 10m

Male straight - female 90°

M12 - M8, 4-pole

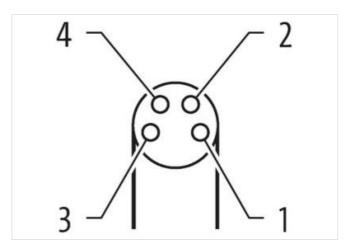
Plastic housings with good resistance against chemicals and oils.

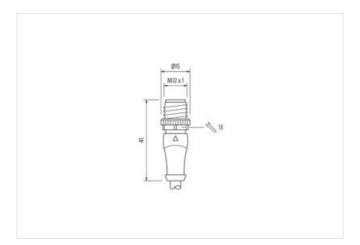
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



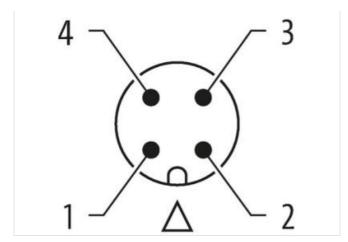








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| Cable length | 10 m |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Cable outlet | straight |
| Coding | A |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW13 |
| Side 2 | |
| Tightening 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 | 4048879292498 |
| 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 | Nickeled |
| 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 | inserted, screwed, channy protection |
| | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Conformity | |
| | |
| Product standard | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| Product standard Installation Cable | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| Installation Cable Cable identification | 611 |
| Installation Cable | |
| Installation Cable Cable identification Cable Type Jacket Color | 611 |
| Installation Cable Cable identification Cable Type | 611 1 black |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate | 611 1 black cURus |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding | 611 1 black cURus 1 |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding | 611 1 black cURus 1 4 wires twisted |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement | 611 1 black cURus 1 4 wires twisted brown, black, blue, white |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth | 611 1 black CURus 1 4 wires twisted brown, black, blue, white 34,76 g/m |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC |
| Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A |
| Installation Cable 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) | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free |
| Installation Cable 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) | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm |
| Installation Cable 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) | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % |
| Installation Cable 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 | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC |
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| Installation Cable 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 insulation | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm |
| Installation Cable 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 insulation Outer diameter tolerance core insulation | 611 1 black cURus 1 4 wires twisted brown, black, blue, white 34,76 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,8 mm ± 5 % PVC 4 1,25 mm |



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| Amount strands (wire) | 14 |
|---|--|
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,25 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| 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 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 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 |
| 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 |