

M8 male 90° / M12 female 90° A-cod.

PUR 3x0.25 ye UL/CSA+drag ch. 1m

Male 90° - female 90°

M8 - M12, 3-pole

Further cable lengths on request.

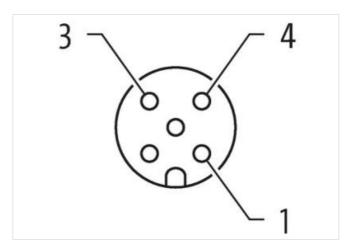
Plastic housings with good resistance against chemicals and oils.

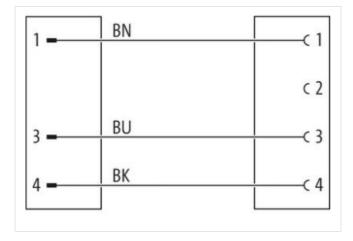
The resistance to aggressive media should be individually tested for your application. Further details on request.

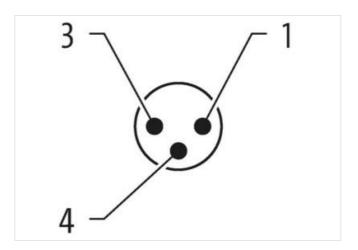
Link to Product

Illustration



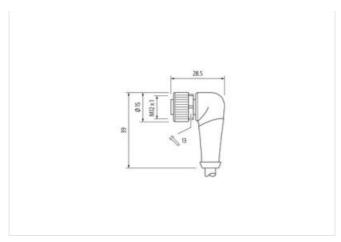








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Product may differ from Image











| Trightening torque 0,4 Nm Family construction form M8 Thread M6 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Width across flats SW9 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Commercial data SW13 Commercial | Cable length | 1 m |
|--|---|-------------------------|
| Family construction form M8 Thread M8 x 1 Suitable for corrugated tube (internal Ø) 6,5 mm Width across flats SW9 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Commercial data ECLASS-6.0 27061801 Sustoms tariff number 85444290 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Corrent operating voltage AC (UL-listed) 30 V Corrent operating voltage AC (UL-listed) 30 V Corrent operating voltage DC max. 4 A Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Material data | Side 1 | |
| Thread | Tightening torque | 0,4 Nm |
| suitable for corrugated tube (internal Ø) 6,5 mm Width across flats SW9 Side 2 Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Commercial data ECLASS-6.0 27061801 sustoms tariff number 85444290 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Opera | Family construction form | M8 |
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| Tightening torque 0,6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Commercial data ECLASS-6.0 27061801 sustoms tariff number 85444290 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage Material data Material data | Width across flats | SW9 |
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| Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data | Additional condition protection degree | inserted, screwed |
| Material group (IEC 60664-1) Mechanical data Material data | Pollution Degree | 3 |
| Mechanical data Material data | Rated surge voltage | 1,5 kV |
| | Material group (IEC 60664-1) | I |
| Coating locking Nickeled | Mechanical data Material data | |
| | Coating locking | Nickeled |



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| Locking material Zinc die-casting | Material housing | PUR |
|--|--|--|
| Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 30 Cable Type 3 Jacket Color yellow Type of Cartificate cURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. Ø 25 °C Cable weigh 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) ± 5 % Material wire insulation 1,25 mm Outer diameter Insulation 1,25 mm Outer diameter Insulation 1,25 mm Outer diameter rolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm Outer diameter folerance core insulation 20 ± 5 Shore D Ingredient freeness were insulation 1,25 mm Outer diameter folerance core insulation 20 ± 5 Shore D Ingredient freeness were insulation 1,25 mm Outer diameter folerance core insulation 20 ± 5 Shore D Ingredient freeness were insulation 1,25 mm Outer diameter folerance core insulation 20 ± 5 Shore D Ingredient freeness were insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm O | Locking material | Zinc die-casting |
| Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Operating temperature max. Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable identification 030 Cable Type 3 Jacket Color yellow Type Of Certificate CURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Min. @ 25 °C Cable weigh 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation PP Material wire insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter folerance wire insulation 1,25 mm Outer diameter folerance wire insulation 1,25 mm Outer diameter folerance swire insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm Outer diameter folerance wire insulation 1,25 mm Outer diameter folerance swire insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm Outer diameter folerance c | Mechanical data Mounting data | |
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| Operating temperature min. .25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation Cable Cable Identification 030 Cable 17pe 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4.1 mm Olderance outer diameter (sheath) ± 5 % Material wire insulation pP Amount wires 3 Outer-diameter insulation 1.25 mm Outer diameter insulation | | |
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| No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | wire arrangement | brown, black, blue |
| Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | |
| Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | |
| Freedom from ingredients (jacket) Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation Tojetance outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation Tojetance outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation Free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Material jacket | PUR |
| Freedom from ingredients (jacket) Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation Tolerance swire insulation Tolerance outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation Free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Shore hardness jacket | 90 ± 5 Shore A |
| Outer-diameter (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | <u> </u> | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Outer-diameter (jacket) | · |
| Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | ±5% |
| Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | PP |
| Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Amount wires | 3 |
| Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Outer diameter insulation | 1,25 mm |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Outer diameter tolerance core insulation | ±5% |
| Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Shore hardness wire insulation | 70 ± 5 Shore D |
| Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | · |
| Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Diameter of single wires | 0,1 mm |
| Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | Conductor crosssection (wire) | 0,25 mm ² |
| Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 | | Stranded copper wire, bare |
| Current load capacity (standard) to DIN VDE 0298-4 | Conductor type (wire) | strand class 6 |
| | Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Current load capacity min. wire 4,5 A | Current load capacity (standard) | to DIN VDE 0298-4 |
| | | 4,5 A |
| Electrical resistance line constant wire 79 Ω/km @ 20 °C | <u> </u> | · |
| Nominal voltage power AC max. 300 V | Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s | Power frequency withstand voltage power | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) 2,5 kV @ 60 s | AC withstand voltage power (wire - wire) | 2,5 kV @ 60 s |
| Min. operating temperature (static) -40 °C | Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation | Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) -25 °C | Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation | Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 | Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance Good, application-related testing | chemical resistance | Good, application-related testing |
| Gasoline resistance Good, application-related testing | Gasoline resistance | Good, application-related testing |
| Oil resistance Good, application-related testing DIN EN 60811-404 | Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) 5 x Outer diameter | Bending radius (fixed) | 5 x Outer diameter |

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: 2024-04-27



| Bending radius (dynamic) | 10 x Outer diameter |
|--------------------------|---------------------|
| No. of torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/m |