

M12 male 0° / M8 female 90° A-cod. LED

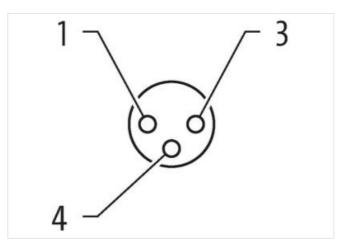
PUR 3x0.25 ye UL/CSA 5m

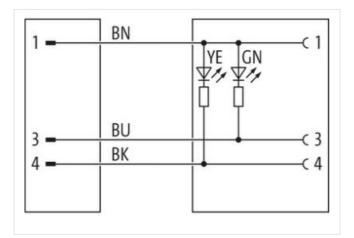
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

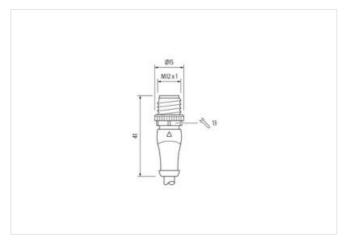
Male straight – female 90° M12 – M8, 3-pole LED (yellow/green) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



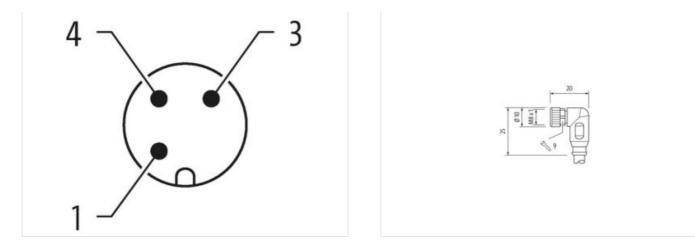






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Product may differ from Image



| Cable length | 5 m |
|--|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 3 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP66K, IP67 |
| Side 2 | |
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal \emptyset) | 6,5 mm |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 3 |
| Width across flats | SW9 |
| Degree of protection (EN IEC 60529) | IP66K, IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |

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| ECLASS-11.1 | 27060311 |
|--|---|
| ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879159951 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC | 24 V |
| Operating voltage DC min. | 18 V |
| Operating voltage DC max. | 30 V |
| Operating voltage DC max. (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| Current consumption max. | 5 mA |
| Diagnostics | |
| - | |
| Status indication LED | green, yellow |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| | |
| Material screw connection | Zinc die-casting |
| Material screw connection Mechanical data Mounting data | Zinc die-casting |
| | Zinc die-casting inserted, screwed, Shaking protection |
| Mechanical data Mounting data | |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic | |
| Mechanical data Mounting data Mounting method | inserted, screwed, Shaking protection |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. | inserted, screwed, Shaking protection -25 °C |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. | inserted, screwed, Shaking protection -25 °C 85 °C |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard | inserted, screwed, Shaking protection -25 °C 85 °C |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification | inserted, screwed, Shaking protection -25 °C -25 °C 45 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 |
| Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow CURus 1 3 wires twisted |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangement | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track) | inserted, screwed, Shaking protection -25 °C -25 °C B5 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigth | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacket | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacket | inserted, screwed, Shaking protection -25 °C 85 °C 0epending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket) | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket) | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct 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) | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm ± 5 % |
| Mechanical data Mounting dataMounting methodEnvironmental characteristics ClimaticOperating temperature min.Operating temperature max.Additional condition temperature rangeConformityProduct standardInstallation CableCable identificationCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket) | inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 020 2 yellow cURus 1 3 wires twisted brown, black, blue 2 Mio. @ 25 °C 26,62 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,3 mm |

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| Outer diameter insulation | 1,25 mm |
|---|--|
| Outer diameter tolerance core insulation | ±5% |
| 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) | 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 | 4,5 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) | ℃ 08 |
| 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) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |

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