

M8 male 90° / M8 female 90° A-cod. snap-in

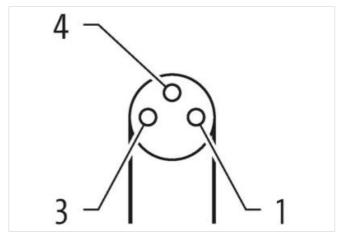
PUR 3x0.25 bk UL/CSA+drag ch. 0.6m

Male 90° – female 90° M8 (Snap In) – M8 (Snap In), 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.

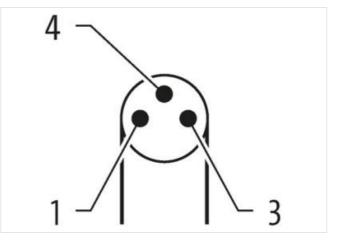
Link to Product

Illustration





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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: 2024-05-08

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Product may differ from Image



| Cable length | 0,6 m |
|--|------------------|
| Side 1 | |
| Thread | M8 |
| suitable for corrugated tube (internal $Ø$) | 6,5 mm |
| Commercial data | |
| ECLASS-6.0 | 27061801 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| customs tariff number | 85444290 |
| GTIN | 4065909044988 |
| 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 |
| Additional condition protection degree | inserted, locked |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | 1 |
| Mechanical data Material data | |
| Material housing | PUR |
| Mechanical data Mounting data | |
| _ooking techniques | Snap In |
| Environmental characteristics Climation | c |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |

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| Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer dameter (jacket) 4.1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 16 ± 5 % Shore hardness wire insulation 16 ± 5 % Material conductor wire Ingredient freeness wire insulation Conductor crossection (wire) 32 Diameter of single wires 0.1 mm Conductor vire Stranded copper wire, bare Conductor trossection (wire) 9.25 mm² Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 028-4 Current load | Additional condition temperature range | depending on cable quality |
|---|--|--|
| Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bunding radius Attention: Clearers the permissible bending inclus. Conternity Product standard Product standard DIN EN 81076-2-114 (M8) Installation I Cable Conternity Cable identification G0 Variant district CuBle identification Variant district CuBle identification Variant district User wise wised Variant district Variant district Variant district Variant di | Important installation notes | |
| Note on bending radiu Attention: Observe the premisabile bending radii when laying cables, as the IP prelection class can be endangered by excessive bending forces. Contornity Product tandard Dis N is 1078-2-114 (Ms) Installation (Cable Cable) Cable identification 630 Cable identification 630 Cable identification 630 Cable identification 630 Cable identification 630 Cable identification Cable identification Cable identification Cable identification Cable identification Cable identification Stranding 3 Stranding Stranding <thstranding< th=""> Stranding</thstranding<> | · · · | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Product standard DIN EN 61076-2-114 (M8) Installation I Cable Second S | | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Instiliation (Cable Cable infinition 630 Cable infinition 630 Cable Color black Type of Certificate URus Anount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Traversing distance (C track) 10 m @ 25 °C horizontal Cable wight 26 4 gm Material jackot PUR Shore hardness jackat 90 ± 5 Shore A Freedom from ingrodinath (jackot) late Area, cadmun-free, CPC free, halogen-free, silicone-free Outer diameter (jackot) 4.1 mm Tolerance outer diameter (jackot) 9.1 5 Shore A Outer diameter insulation PP Anount wires 3 Outer diameter insulation 12 5 mm Outer diameter insulation 12 5 Shore D Shore hardness wire insulation 12 5 Shore D Conductor coresocation 15 % Shore hardness wire insulation 10 5 Shore D Conductor wire insulation 12 5 mm Conductor coresocation wire 30 O < | Conformity | |
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| 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 Nominal voltage AC max. 300 V Current Load capacity (standard) to DIN VDE 0298-4 Current Load capacity (wine - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - isokard) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance Good, application-related testing Glassine resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing <td>Ingredient freeness wire insulation</td> <td>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free</td> | Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Q/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-25 °COperating temperature min. (dynamic)-25 °COperating temperature min. (dynamic)30 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingBending radius (fixed) <td>Amount strands (wire)</td> <td>32</td> | Amount strands (wire) | 32 |
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| Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sNin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingOil | Material conductor wire | Stranded copper wire, bare |
| 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 AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 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 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistan | Conductor type (wire) | strand class 6 |
| Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sNin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing <td>Nominal voltage AC max.</td> <td>300 V</td> | Nominal voltage AC max. | 300 V |
| Electrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sNin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistance10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Current load capacity (standard) | to DIN VDE 0298-4 |
| AC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi Rending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Current load capacity min. wire | 4,5 A |
| Power frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceGood, application-related testingTavel speed (C-track)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| jacket)2,5 KV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDin S × Outer diameterTravel speed (C-track)Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | AC withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDIN EN 60811-404Ending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | | 2,5 kV @ 60 s |
| Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingI ravel speed (C-track)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Min. operating temperature (static) | -40 °C |
| Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| UV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Operating temperature min. (dynamic) | -25 °C |
| Flame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | UV resistance | DIN EN ISO 4892-2 A |
| Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. | chemical resistance | Good, application-related testing |
| Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Gasoline resistance | Good, application-related testing |
| Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio. | Bending radius (fixed) | 5 x Outer diameter |
| Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. | | 10 x Outer diameter |
| No. of torsion cycles 2 Mio. | Travel speed (C-track) | 10 Mio. @ 25 °C |
| | No. of torsion cycles | |
| | - | ± 180 °/m |

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: 2024-05-08

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Torsion speed

35 cycles/min

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