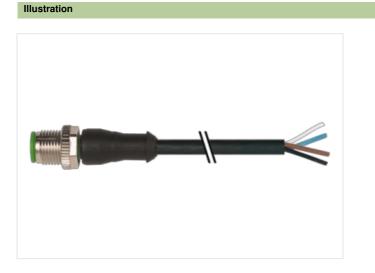


## M12 male 0° A-cod. with cable

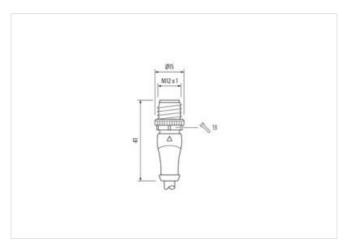
PUR 4x0.34 bk UL/CSA+drag ch. 4.5m

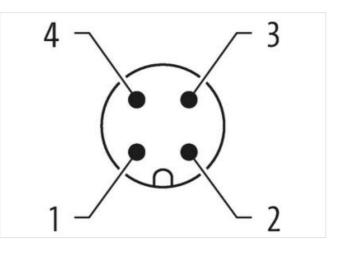
Male straight M12, 4-pole with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product









Product may differ from Image



Cable length	4,5 m	
Side 1		
Tightening torque	0,6 Nm	

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: 2024-05-19

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Thread         M12 x 1           Suitable for corrugated table (internal Ø)         10 mm           Suitable for corrugated table (internal Ø)         PUR           With across flas         SVV13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS 9.0         2706031           ECLASS 9.0         2706031           ECLASS 9.10         2706031           ECLASS 9.12.0         2706031           ECLASS 9.12.0         2706031           ECLASS 9.10         2706031           ECLASS 9.10         2706031           ECLASS 9.10         2706031           ECLASS 9.10         2706031           ECLASS 9.11         2706031           ECLASS 9.12.0         2706031           Countom strift number         8544290           OTIN         4048679485296           Paratagi ount         1           Electrical data [Suppty         Electrical data [Suppty]           Operating voltage DC CluBitedto         30 V           Operating voltage DC CluBitedto	Family construction form	M12
sulable for corrugaled lube (informal 0) Coding A Coding A Control Con		
Coding     A       Material     PUR       Material     PUR       With across fats     SW13       Degree of protection (EN IEC 65029)     IP65, IP66K, IP67       Commercial data     ECLASS 0.0       ECLASS 0.0     27279218       ECLASS 0.0     27260311       ECLASS 1.1     27060311       ECLASS 1.2     27004031       ECLASS 1.2     270 V       Operating voltage AC max.     250 V       Operating voltage AC Max.     250 V       Operating voltage AC Max.     250 V       Operating voltage AC (UL-lested)     30 V       Current operating per constat     4 A       Testalation [Connection     42 X       Exterior of the exterion per constat     4 A       Testalation [Connection [Electrical     30 V       Additional constion protection [electrical     30 V       Additional constion protection [electrical     4 A       Testaled surge voltage CC [IC 80664-1]     1 <t< td=""><td></td><td></td></t<>		
Material         PUF           Width across flats         SW13           Degree of protection (EN EC 60:59)         IP65, IP66X, IP67           Commercial data         27279218           EGLASS-6.0         27279218           EGLASS-6.0         27279218           EGLASS-6.0         27279218           EGLASS-6.0         27279218           EGLASS-6.0         27279218           EGLASS-6.0         27269311           EGLASS-10.1         27060311           EGLASS-10.2         27090311           EGLASS-12.0         27090311           EGLASS-12.0         27090311           EGLASS-12.0         27090311           EGLASS-12.0         27090311           EGLASS-13.1         27060311           EGLASS-10.0         27090311           EGLASS-10.1         404877465265           Packaging und         404877465265           Deparing voltage AC max.         250 V           Operating voltage AC max.         250 V <td< td=""><td></td><td></td></td<>		
Widh across flats         SW13           Degree of protection (EN IEC 60529)         IPES, IP66K, IP67           Commecial data         E           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27060311           ECLASS 8.0.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 9.0         ECO01805           cautoms farlf number         85444290           GTIN         4048079485296           Packaging unit         1           Electrical data [ Suppi)            Operating voltage AC (Max.         250 V           Operating voltage AC (Max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage CO (Tax.         250 V           Operating voltage CO (LI-listed)         30 V           Device protection [Electrical         Electrical           Brotistion contition pro		
Degree of protection (EN IEC 60529)         IP65, IP60K, IP67           Commercial data         FECLASS 6.0         27279218           ECLASS 6.0         27279218         ECLASS 6.0         27279218           ECLASS 5.0.0         27279218         ECLASS 5.0.0         27279218           ECLASS 5.0.0         27279218         ECLASS 5.0.0         27260311           ECLASS 5.1.1         27060311         ECLASS 5.0         ECLASS 5.0           ECLASS 5.0         27060311         ECLASS 5.0         ECLASS 5.0           ECLASS 5.0         27060311         ECLESS 5.0         ECLASS 5.0           GOTIN         4048879485296         ECLASS 5.0         ECLASS 5.0           Gorparing voltage AC max.         250 V         ECHENCISC ECLASS 5.0         ECHENCISC ECLASS 5.0           Operating voltage AC Max.         4.0         ECHENCISC ECLASS 5.0         ECLESS 5.0           Mounting deta CLU-Lintetd Max.         4.0         ECHENCI		
Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060311           ECLASS 9.1         27060311           ECLASS 10.1         27060311           ECLASS 12.0         27060311           ECLASS 12.0         2706031           ECLASS 12.0         27060315           Eclast 11         27060315           Eclast 12.0         27060315           Eclast 13.0         ECOM385.5           Eclast 14         27060315           Eclast 14         1           Electacid dia   Suppi         200           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating protect not protect on eperatore         30 V           Current operating protect not protect on eperatore         31 V           Evice n		
CLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 6.0         27260311           ECLASS 7.0         27060311           ECLASS 7.0         27060311           ECLASS 7.1         27060311           ECLASS 7.0         2706031           ECLASS 7.0         2706031           ECLASS 7.0         2706031           ECLASS 7.0         28001           Constant fumber         8444200           GTN         4048872485296           Packaging unit         1           Edectical diati Suppy         Constant Suppy           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-listed)         30 V           Carrent operating per contact max.         4 A           Installation formetion         Installation formetion           Packaging unit generat.         25 V           Motional protectin p		· ·
EQLASS 7.0         27279218           EQLASS 8.0         27279218           EQLASS 8.0         27279218           EQLASS 8.0         27060311           EQLASS 9.10.1         27060311           EQLASS 9.11.1         27060311           EQLASS 9.11.1         27060311           EQLASS 1.0         27060311           EQLASS 1.0         27060311           EQLASS 1.0         27060311           EQLASS 1.0         27060311           ETM 6.0         EC001895           cuadoms faiff number         85444290           GTIN         404887948296           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (U-listed)         30 V           Current operating voltage AC (U-listed)         10           Hotalional condition protocion degree         inserted, screwed           Poliution protocion degree         <		07070010
ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0         27060311           ECLASS-10         27060311           ECLASS-11         27060311           ECLASS-12.0         2706031           ECLASS-12.0         2706031           ECLASS-12.0         2706031           ECLASS-12.0         2706031           ECLASS-12.0         2706031           ELECLASS-12.0         2706031           ELECLASS-12.0         250 V           Operating voltage DC (UL-listed)         30 V           Current operating voltage DC (UL-listed)         30 V           Entertion I Electrical         M12 x 1           Device protection   Electrical         M12 x 1           Addition protection degree         inserted, screwed           Pollutan Dagree         2,5 kV           Material group		
ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 11.0         27060311           ECLASS 11.0         27060311           ECLASS 11.0         27060311           ECLASS 11.0         EC001855           ucutoms tarff number         6544209           GTIN         404887485296           Packagin unit         1           Effectrical data   Suppy         Effectrical data   Suppy           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Batel arge voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         30 V           Current operating voltage AC (UL-listed)         10           Additional condition protection degree		
ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tauff number         85444230           GTIN         404897945296           Packaging unit         1           Etertical data   Supply            Operating voltage DC max.         250 V           Operating voltage DC max.         4 A           Installation   Connection         30 V           Current operating voltage per contact max.         4 A           Installation   Electrical         M12 x 1           Device protection   Electrical         Material group (EC 60664-1)           Additional condition protection degree         3           Rated surge voltage         2.5 kV           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material group contact maxing         Xinc ele-casting           Material group contact for easting         Xinc ele-casting		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001655           Causions tariff number         85444290           GTIN         4048679485296           Packaging unit         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Device protection [Electrical         Serveved           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Cating toking         Nickeled           Coating of fitting         nickel plated           Coating toking         Nickeled           Coating toking method         inserted, screwed, Shaking protection		
CLASS-12.0         27080311           ETM.5.0         EC001965           cuasions taiff number         8544290           GTIN         40487495296           Packaging unit         1           Electrical data   Supply         9           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Outcomt operating voltage AC (UL-listed)         30 V           Outcomt operating voltage AC (UL-listed)         30 V           Additional condition protection fearemax.         4 A           Installation   Connection         Inserted, screwed           Politoin Degree         3           Rated suge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Metrial data         Material group (IEC 60664-1)           Coating locking         nickel plated           Operating imperature min.		
ETIM 4.0     EC001855       customs tariff number     85444290       GTIN     4048879485296       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Metanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic        Operating lemperature max.     85 °C       Operating lemperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes		
customs tariff number         85444280           GTIN         4048879485296           Packaging unit         1           Electrical data   Supply         Deprating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (Listed)         30 V           Operating voltage DC (Listed)         30 V           Operating voltage DC (Listed)         30 V           Current operating per contact max.         4 A           Instaliation   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coctanig locking           Coating locking material         Zinc die-casting           Material group (IEC 60664-1)         I           Mechanical data   Mounting data         Zinc die-casting           Material screw connection         Zinc die-casting           Mutting method         inserted, screwed, Shaking protection           Electrical Adata   Mounting data         S° °C </td <td></td> <td></td>		
CTIN     4048879485296       Packaging unit     1       Electrical data   Supply     J       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     W       Mounting set     M12 x 1       Device protection   Electrical     M       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Metherial data     Inscleed       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Munting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     V       Operating temperature max.     85 °C       Operating temperature max.     85 °C </td <td></td> <td></td>		
Packaging unit     1       Electrical data   Supply     250 V       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Additional condition protection degree     inserted, screwed       Polution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Methanical data   Mounting data     Si °C       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Si °C       Operating temperature min.     -25 °C	GTIN	
Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating operating per contact max.         4 A           Installation   Connection         4 A           Device protection   Electrical         4 A           Device protection   Electrical         50 V           Additional condition protection degree         instrete, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         50 kV           Coating locking         Nickeled           Coating of Itting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Methanical data   Mounting data         Sinsered, screwed, Shaking protection           Doperating relnage rature min.         -25 °C           Operating relnagerature max.         85 °C           Additional condition temperature range         depending on cable quality           Operating relnagerature max.         85 °C           Additional condition temperature range		
Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated Surge voltage         2.5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Coating of fitting         nickel plated           Coating of fitting         nickel plated           Coating of fitting         inserted, screwed, Shaking protection           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Meterial screw connection         Zin C die-casting           Meterial characteristics   Climatic         Comparating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °		
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Installation   Connection           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Inckel plated           Coating locking         Nickeled           Coating locking         Nickel plated           Coating locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         -25 °C		
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mul2 x 1           Device protection   Electrical         Mul2 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 KV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Methal screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Qerating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <td></td> <td></td>		
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1         Inscrete for the set of t		
Current operating per contact max.         4 A           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Coating locking           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Forder           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Product standard         DIN EN 61076		
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data		
Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         3           Pated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data		48
Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inserted, screwed           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         S <sup>o</sup> C           Additional condition temperature max.         85 ° C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformit	Installation   Connection	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       S° C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       UNEN 61076-2-101 (M12)	Mounting set	M12 x 1
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         A5 °C       Additional condition temperature range         depending on cable quality       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)	Device protection   Electrical	
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         Coating locking       Nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vickeled         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)	Pollution Degree	3
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Coating material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         DIN EN 61076-2-101 (M12)	Rated surge voltage	2,5 kV
Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       UN EN 61076-2-101 (M12)	Material group (IEC 60664-1)	
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)	Mechanical data   Material data	
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)	Coating locking	Nickeled
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         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)	Coating of fitting	nickel plated
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         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard	Locking material	Zinc die-casting
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Conformity     DIN EN 61076-2-101 (M12)	Note on strain relief	
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wire arrangement	brown, black, blue, white
Cable identification	634
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	36,3 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)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
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)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
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 min. wire	4,8 A
Electrical resistance line constant wire	57 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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-19

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