

## M12 female 90° A-cod. with cable

PUR 4x0.34 gy UL/CSA+drag ch. 60m

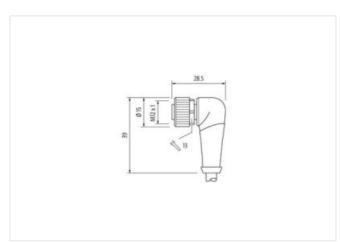
Female 90° M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

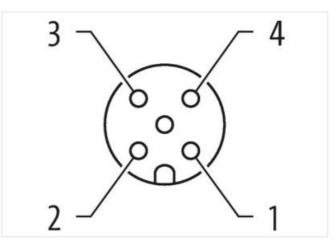
## Link to Product

Illustration









Product may differ from Image



Cable length

60 m

Side 1

Tightening torque

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: 2024-05-17

0,6 Nm



Family construction form         M12           Thread         M12 × 1           Qualitab for concrupted tube (internal Ø)         10 mm           Conting         A           Milerial conting         A           Milerial conting         A           Milerial conting         PUR           Milerial conting         PUR           With across fitted         SW13           Degree of protection (EN IEC 80529)         IPES, IPEBK, IPER           Stot 2         Conting contact           Stot 2         Conting contact           Contang contact         gald plated           Material contact         Cooper alloy           Contact at at         Cooper alloy           Contact at at atter at at at at at at at atter at at atter at atter at at at at at atter	Mounting method	inserted, screwed
Thead         M2 x 1           Builbale for concupated tube (internel)         10 mm           Coding         A           Material contrald.         Copper aloy           Material contrald.         Copper aloy           Material contrald.         FPGR.           With a contrald.         PUR           With a contral contral.         PUR           Barger of protection (FM IEC 6005.0)         PEGR. IPGR.           Storp on table contral.         out protection (FM IEC 6005.0)           Storp contral contral.         out protection (FM IEC 6005.0)           Contract contral.         2727818           ECLASS 10.1         27060511           Contract contral.         44490.0           Contral contral.         44490.	Coating contact	gold plated
subable for corrugated tube (internal 0)10 mmCodingACodingCorpor (alloy,MaterialPURWitch across farsSW 13Degree of protection (EN IEC 60559)Press, inPosk, IPEYSub 2Sub 2Contang constartgold plattedConstartgold plattedConstartgold plattedConstartgold plattedConstart27278218ECLASS 6.027278218ECLASS 7.02726918ECLASS 7.02726919ECLASS 7.02705011ECLASS 7.02705011ECLASS 7.02705011ECLASS 7.02705011ECLASS 7.02705011ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.127050511ECLASS 7.027079282Packang undit1ETM 5.050 VOperating voltage AC max.250 VOperating voltage AC max.<	Family construction form	M12
Cading         A           Material contact         Capper alloy           Material         PUR           Worth access flats         SW13           Degree of projection (FINE C60529)         IP65, IP66K, IP67           Side 2         Side 2           Side access flats         gold plated           Material contact         Gopper alloy           Commercial data         Copper alloy           Col.ASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27000311           ECLASS-7.0         250 V           Operaling volage AC Max.         <	Thread	M12 x 1
Material         Copper aloy           Material         PUR           With access faits         SW13           Degree of protection (EN IEC 60529)         IPES, IPESK, IPE7           Ströping length (jacket)         20 mm           Conting contact         guld plated           Material contact         guld plated           Material contact         guld plated           Material contact         Guld plated           Conting contact         guld plated           Material contact         Copper aloy           Commercial data         Copper aloy           ECLASS-6.0         2279218           ECLASS-6.0         2279218           ECLASS-6.0         2270218           ECLASS-6.0         22709218           ECLASS-6.0         22709311           ECLASS-6.0         227090311           ECLASS-7.0         227090311           ECLASS-7.0         227090311           ECLASS-7.0         227090311           ECLASS-7.0         227090311           ECLASS-7.0         227090311           ECLASS-7.0         22709031           Colarist on the strain number         8544290           GTIN         4049879727332           Par	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material         PUF           With Accode fittals         SW13           Degree of proteionic (N LEC 00528)         IP65, IP66K, IP67           Side 2         Support of proteionic (N LEC 00528)           Side activation of the Construction o	Coding	A
Width acoss flats         SW13           Depres of protection (EN IEC 60529)         IP65, IP66K, IP67           Stip 2         Stip 2           Stripping length (jacket)         20 mm           Contin Contail         qid plated           Material contail         qid plated           Material contail         qid plated           Material contail         qid plated           Material contail         qid plated           Commocial data         Copper alcy           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27090311           ECLASS-7.0         27090311           Contain tain number         8544200           GTIN         404877972752           Packaging unt         1           Edectical data loophy         200 V           Operating voltage AC (UL tated)         30 V           Controt controt preating prosthage CA (UL tated)         30 V <td>Material contact</td> <td>Copper alloy</td>	Material contact	Copper alloy
Degree of protection (EN IEC 60529)         IP66, IP66K, IP67           Stde 2         Costing contact         gold plated           Costing contact         opport alloy         Costing contact         Copport alloy           Commercial data         Costing contact         Opport alloy         Costing contact         Costing contact         Costing contact         Costing contact         Costing contact         Copport alloy           Commercial data         Costing contact         Copport alloy         Costing contact         Cos	Material	PUR
Side 2       Singping length (jacket)     20 mm       Coating contract     Gooper alloy       Connecial data     27279218       EGLASS-6.0     27279218       EGLASS-7.0     27279218       EGLASS-7.0     27279218       EGLASS-7.0     27279218       EGLASS-8.0     27060311       EGLASS-7.0     27060311       EGLASS-7.0     27060311       EGLASS-1.1     27060311       EGLASS-1.2     27060311       EGLASS-1.2     27060311       EGLASS-1.1     27060311       EGLASS-1.2     27060311       EGLASS-1.2     27060311       EGLASS-1.1     27060311       EGLASS-1.2     250 V       Operating voltage AC max.     250 V       Operating voltage DC (LL-listed)     30 V       Current operating paper centact max.     4	Width across flats	SW13
Shipping length (jacket)20 mmContingopid platedMineral contactCooper alloyCommercial dat27279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260311ECLASS-9.027060311ECLASS-9.127060311ECLASS-1027060311ECLASS-1127060311ECLASS-12.027060311ECLASS-13.0ECO01865cautom staff number85444290GTIN44847972752Packaging unit1EINELO2001865Coperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage CD max.250 VOperating voltage CD (Lulistot)30 VOperating voltage CD (Lulistot)30 VCurrent operating per contact max.4 AEntition I ConnectorIntel Contact Conta	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact         gold platled           Material contact         Copper alloy           Commercial dat         Copper alloy           ECLASS 5.0         27279218           ECLASS 5.1         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10.2         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10.1         27060311           ECLASS 5.10         27060311           ECLASS 5.11         27060311           ECLASS 5.10         2706031           ETMA 5.0         EC001885           Coustons tariff mumber         B644290           GTIN         4048879727532	Side 2	
Material contact         Copper alloy           Commercial data         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27279218           ECLASS 9.0         27000311           ECLASS 9.0         27000311           ECLASS 9.0         27000311           ECLASS 9.1         27000311           ECLASS 9.1         27000311           ECLASS 9.2         2700031           ECLASS 9.2         2700031           Commercial data 1         4049879727532           Operating voltage AC (UL Isted)         30 V           Operating voltage AC (UL Isted)         30 V           Operating voltage DC max.         250 V	Stripping length (jacket)	20 mm
Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 8.0         27797218           ECLASS 8.0.0         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.2         2700311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 9.1.1         27060311           ECLASS 9.2         2700311           ECLASS 9.2         27060311           ECLASS 9.0         ECO01855           caustoms tariff number         85444290           GTIN         4048879727532           Packaging unit         1           Electrical data [Supply         Doreating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LL-leted)         30 V	Coating contact	gold plated
ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         4 A           Installion I Connecton         4 A           Instad surge voltage AC (LL-Isted)         30 V <td>Material contact</td> <td>Copper alloy</td>	Material contact	Copper alloy
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         ECUASS-12.0           ECLASS-12.0         27060311           ECLASS-12.0         2001155           Cuators topaction topactiopaction topaction topactiopaction topaction topacti	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         2760311           ECLASS-9.0         2760311           ECLASS-10.1         27600311           ECLASS-10.2         27600311           ECLASS-10.3         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-10.1         ECOU1855           outstons tartif number         8544290           GTIN         404897927532           Packaging unit         1           Electrical data   Supply	ECLASS-6.0	27279218
EGLASS-8.0         27279218           EGLASS-9.0         27060311           EGLASS-9.0         27060311           EGLASS-1.1         47060311           EGLASS-1.1         40487727532           Packaging unt         1           Elecrical data   Supply         Elecrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating and ext dutts.         4 A           Installation   Concetion         Install dutts.           Mounting set         M12 x 1           Device protection   Electrical         M12 x 1           Device protection   Electrical data         M2 x 1	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         ECO01855           customs tarff number         85444290           GTIN         404887972532           Packaging unit         1           Electrical data   Supply         9           Operating voltage AC max.         250 V           Operating voltage AC (LL-listed)         30 V           Operating voltage DC (LL-listed)         30 V           Operating voltage DC (LL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         20 mm           Mounting set         M12 x 1           Device protecton   Electrical         30 V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical dia   Material data         Zine dia-casting           Material group (IEC 60664-1)         1           Mechanical dia   Material data         FKM           Locking material <td< td=""><td>ECLASS-8.0</td><td>27279218</td></td<>	ECLASS-8.0	27279218
EQLASS-11.1         27060311           EQLASS-12.0         27060311           ETIM-5.0         ECO01855           castoms tariff number         85444290           GTIN         4048879727532           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           Operating voltage DC (UL-listed)         30 V           Derice protection I Electrical         Material protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reads surge voltage         2,5 kV           Material gasket         FKM           Locking material         Zinc d	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         ECQ01855           customs tariff number         85444290           GTIN         4048879727532           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection            Stripping length (acket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Plutaton Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data            Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket <td< td=""><td>ECLASS-10.1</td><td>27060311</td></td<>	ECLASS-10.1	27060311
ETIM-5.0     EC001855       oustoms tariif number     85444200       GTIN     4048879727532       Packaging unit     1       Electrical data   Supply     Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Operating voltage AC (LI-Listed)     30 V       Operating voltage DC (LI-Listed)     30 V       Operating oper contact max.     4 A       Instaliation   Connection     Stripping length (jacket)       Stripping length (jacket)     20 mm       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       Material gasket     FKM       Coating doftting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Locking material     Sinserted, screwed, Shaking protection       Material gasket     FKM       Locking material	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879727532           Packaging unit         1           Electrical data   Supply         Compariting voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Curren operating per contact max.         4 A           Installation   Connection         20 mm           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Deveroprotection   Electrical         30 V           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 onking           Coating onking         Nickeled           Coating onking         Nickeled           Coating onking         Nickeled           Material gasket         FKM           Locking material         Zine die-casting           Meterial sorew connection         Zine die-casting           Meterial sorew conneclos         iserted, screwed, Shaking protec	ECLASS-12.0	27060311
GTIN         4048879727532           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         50 V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         44           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         Keled           Coating ocking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zno dir-casting           Material gasket         FKM           Locking material         Ino dir-casting           Material gasket         Sin cdir-casting           Material forumental characteristics	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         30 V           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         30 V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material gasket         KKM           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Material screw connection         Zinc die-casting           Material gasket         FKM           Locking material         Yinc die-casting           Material gasket         FC           Operating temperature min.	customs tariff number	85444290
Bectrical data   Supply         Operating voltage AC max.       250 V         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       20 mm         Mounting set       M12 x 1         Device protection   Electrical       30 V         Addilonal condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Ickehanical data   Material data       FKM         Coating locking       Nickeled         Coating of fitting       nickel plated         Material group (IEC 60664-1)       Zinc die-casting         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Deckanical data   Material data       FKM         Locking material       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Muterial screw connection       Kinele	GTIN	4048879727532
Operating voltage AC max.         250 V           Operating voltage DC 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         U           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Instellation   Connection           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         Vickeled           Coating of fitting         nickel plated           Material group (IEC 60664-1)         Zinc die-casting           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Material group (IEC 60664-1)         I           Mechanical data   Material data         Zinc die-casting           Material group (IEC 60664-1)         Zinc die-casting           Material Screw connection         Zinc die-casting           Material Screw connection	Packaging unit	1
Operating voltage DC max.     250 V       Operating voltage DC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     50 m       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     4       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Methanical data   Material data       Coating of fitting     nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     inserted, screwed, Shaking protection       Deresting material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     inserted, screwed, Shaking protection       Deresting material     Si °C	Electrical data   Supply	
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           Stripping length (jacket)         20 mm           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)         1           Mechanical data   Material data         Inserted, screwed           Coating locking         Nickeled           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         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coefficient           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       20 mm         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       44         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 locking         Coating locking       Nickeled         Coating set       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Sinerted, screwed, Shaking protection         Environmental characteristics   Climatic       Coating protection         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	Operating voltage DC max.	250 V
Current operating per contact max.       4 A         Installation   Connection         Stripping length (jacket)       20 mm         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       Voltage         Coating locking       Nickeled         Coating locking       Nickeled         Coating settial gasket       FKM         Locking material       Zinc die-casting         Material screw connection       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature max.       85 °C	Operating voltage AC (UL-listed)	30 V
Installation   Connection           Stripping length (jacket)         20 mm           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         Coating forking           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C	Operating voltage DC (UL-listed)	30 V
Stipping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     1       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Methanical data   Mounting data     Verted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Poreating temperature min.     -25 °C       Operating temperature max.     85 °C	Current operating per contact max.	4 A
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)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating locking       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       I         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C	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)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Coating locking       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       I         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C	Stripping length (jacket)	20 mm
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 of fitting       nickel plated         Material gasket       FKM         Locking material       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	Mounting set	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       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       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	Device protection   Electrical	
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	•	inserted screwed
Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	Pollution Degree	
Material group (IEC 60664-1)       I         Mechanical data   Material data       Nickeled         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         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		
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         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature max.       85 °C	Material group (IEC 60664-1)	
Coating lockingNickeledCoating of fittingnickel platedMaterial gasketFKMLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °C		
Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       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	Coating locking	Nickeled
Material gasket       FKM         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	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       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	Material gasket	· · · · · · · · · · · · · · · · · · ·
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	Locking material	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C	Environmental characteristics   Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C

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: 2024-05-17



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	DIN EN 61076-2-101 (M12)
Installation   Cable	
·	004
Cable identification	234 3
Cable Type	
Jacket Color	gray cURus
Type of Certificate	
Amount stranding	1 A viene hvieted
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m PUR
Material jacket Shore hardness jacket	
Freedom from ingredients (jacket)	90 ± 5 Shore A
-reedom from ingredients (jacket) Duter-diameter (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,5 mm
Folerance outer diameter (sheath)	4,5 mm ± 5 %
Material wire insulation	± 5 % PP
Amount wires	4
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires Conductor crosssection (wire)	0,1 mm
	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare strand class 6
Conductor type (wire)	
Traversing distance (C-track)	10 m @ 25 °C   horizontal 300 V
Nominal voltage AC max.	to DIN VDE 0298-4
Current load capacity (standard)	
Current load capacity min. wire	4,8 A 57 Ω/km @ 20 °C
Electrical resistance line constant wire	2,5 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - acket)	2,5 kV @ 60 s
Ain. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Deperating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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
Dil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Fravel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 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: 2024-05-17



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: 2024-05-17