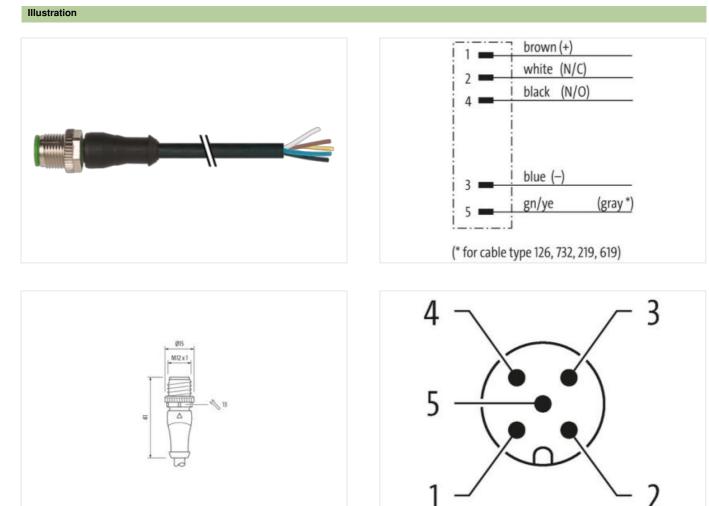


## M12 male 0° A-cod. with cable

PVC 5x0.34 bk UL/CSA 10m

Male straight A-coded M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product



Product may differ from Image



Cable length

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: 2024-05-20

10 m

0,6 Nm

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Femb construction form       M12         Troud       M12 × 1         auitable for compared tube (internal 0)       10 mm         Coding       A         Material       PUR         With access futs       SW13         Degree of protection (INEC 6002)       IPES, IPER/ INFO         Side 2       Total access futs         Stripping tength (tocket)       20 mm         Commercial data       27278218         ECLASS 6.0       27278218         ECLASS 7.0       27278218         ECLASS 8.0       27278218         ECLASS 8.0       27278218         ECLASS 8.0       27278218         ECLASS 8.1       27090311         ECLASS 8.10       27090311         ECLASS 8.10       27090311         ECLASS 8.10       27090311         ECLASS 8.10       27090311         ECLASS 9.10       27090311         ECLASS 9.10       27090311         ECLASS 9.10       27090311         ECLASS 9.10       2000 access ac	Mounting method	inserted, screwed
skilable for comugated luke (internal Ø)       10 mm         Coding       A         Material       PUR         Widt across fluis       SW13         Degree of protection (IN IEC 60529)       IP65, IP66K, IP67         Side 2       Stripping length (acket)       20 mm         Commercial dats       ECLASS 6.0       22729218         ECLASS 6.0       22729218       ECLASS 6.0         ECLASS 7.0       27279218       ECLASS 7.0         ECLASS 7.0       272090311       ECLASS 7.0         ECLASS 7.0       27090311       ECLASS 7.0         ECLASS 7.0       27090311       ECLASS 7.0         ECLASS 7.0       27090311       ECLASS 7.0         ECLASS 7.0       EV001055       ECLASS 7.0         Cotatom tarf mumber       6544290       ECMAST 2.0         OTM       404879216961       Pachaging und         Packaging und       1       ECMAST 2.0         Operating voltage AC max.       125 V       Operating volt	Family construction form	M12
Coding       A         Material       PUR         With across flats       SW13         Dargne of potection (EN IEC 60529)       IP65, IP67         Side 2       Stripping length (acket)       20 nm         Commercial data       E         ECLASS 6.0       27278718         ECLASS 6.1       27278718         ECLASS 6.0       27278718         ECLASS 7.0       27060311         ECLASS 7.0       270706311         ECLASS 7.0       270706311         ECLASS	Thread	M12 x 1
Material       PUR         Width across flats       SW13         Degree of protection (EN IEC 60529)       IP66, IP667, I	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Wein across fats       SW13         Degree of potention (EN IEC 60529)       IPES, IPEK, IPE7         Stripping length (lacket)       20 mm         Connectal dat       227279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.1       27060311         ECLASS-1.1       27060311         ECLASS-1.2.0       27060311	Coding	A
Degree of protection (EN IEC 60528)       IP65, IP68K, IP67         Side 2       Sinping length (jacket)       20 mm         Commercial dats       ECLASS-6.0       27278218         ECLASS-6.0       27278218       ECLASS-6.0         ECLASS-6.0       27060311       ECLASS-6.0         ECLASS-10.1       27060311       ECLASS-6.0         earborn Laft numbor       B6442400       GOI         oatsoms Laft numbor       B6442400       GOI         GTIN       404887216851       Paokagn unt       1         Deparating voltage AC max.       125 V       Operating voltage AC UL-Liaton       90 V         Operating voltage AC UL-Liaton       30 V       Operating voltage AC UL-Liaton       PAOkagn AC UL-Liaton         Mounting Ber       M2 X 1       Departing voltage AC UL-Liaton       PAOkagn AC UL-Liaton         Deparating voltage AC UL-Liaton       3       Reduct sure	Material	PUR
Skip 2         Siripping length (jackel)       20 mm         Commercial dats       22778218         ECLASS-6.0       22778218         ECLASS-6.1       22778218         ECLASS-6.0       22778218         ECLASS-6.0       22778218         ECLASS-7.0       22780311         ECLASS-8.0       22780311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       2707216         Operating voltage AC max.       125 V         Operating voltage OC max.       125 V         Operating voltage OC max.<	Width across flats	SW13
Stipping length (jackel)       20 mm         Connectial date       22778218         ECLASS 6.0       22778218         ECLASS 7.0       22778218         ECLASS 6.0       22778218         ECLASS 6.0       22778218         ECLASS 6.0       2278218         ECLASS 6.0       2278218         ECLASS 6.0       2278218         ECLASS 6.0       22780311         ECLASS 10.1       27600311         ECLASS 11.1       27600311         ECLASS 12.0       2760311         ECLASS 11.1       27600311         ECLASS 11.1       27600311         ECLASS 11.0       2760311         ECLASS 11.1       276031         Packaging unit       1         Eclevical data [Support       30 V         Operating voltage AC (UL-liste	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27090311         ECLASS-8.0       27090311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-13.0       E0001855         cuatoms tariff number       85444290         GTIN       4048279216951         Packaging unit       1         Etertical data   Suppiv       Coperating voltage AC max.         Operating voltage AC max.       125 V         Operating voltage AC fuct.       30 V         Operating voltage AC fuct.       125 V         Operating voltage AC fuct.       125 V         Operating voltage AC fuct.       125 V         Operating voltage AC fuct.       30 V         Operating voltage AC fuct.       125 V	Side 2	
ECLASS-6.0       27279218         ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-8.0       27260311         ECLASS-9.0       27060311         ECLASS-1.1       27060311         ECLASS-1.2       27060311         ECLASS-1.2       27060311         ECLASS-1.3       27060311         ECLASS-1.4       408679216951         Pachaging unit       1         Edertral data   Supply       9         Operating voltage AC max.       125 V         Operating voltage AC (LL-listed)       30 V         Current operating are contact max.       4 A         Ibrailatioi / Cometion       1         Stripping length (jacke)       20 mm         Mourting set       M12 × 1         Device protection   Electrical       3         Additional condition protection degree       3         Norting set       15 kV <td>Stripping length (jacket)</td> <td>20 mm</td>	Stripping length (jacket)	20 mm
ECLASS-6.1       27279218         ECLASS-7.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.2.0       27060311         ECLASS-1.3       27060311         ECLASS-1.4       448672216951         Packaging unit       1         Electrical dals Supply       Electrical dals Supply         Operating voltage AC max.       125 V         Operating voltage AC max.       125 V         Operating voltage AC (LL-listed)       30 V         Current operating parting part ontert max.       4 A         Installation   Connection       Installation   Connection         Stripping lengt (lacket)       20 mm         Mounting set       M12 x 1         Device protecton   Electrical       Acta stripping lengt (lacket)         Additional condition protection din	Commercial data	
ECLASS 7.0       27279218         ECLASS 8.0       27279218         ECLASS 8.0.0       27060311         ECLASS 8.0.1       27060311         ECLASS 7.0       EC001855         customs tainff number       8544290         GTIN       4048979216951         Packaging unit       1         Electrical dia   Supply       Operating voltage AC (ML. Isted)         Operating voltage DC max.       125 V         Operating voltage DC (UL. Isted)       30 V         Current operating per contact max.       4 A         Installation   Connection       20 mm         Mounting set       M12 x 1         Device protection   Electrical       20 mm         Additional condition protection degree       1,5 kV         Material group (IEC 60664-1)	ECLASS-6.0	27279218
ECLASS 8.0       2729218         ECLASS 9.0       27060311         ECLASS 7.0.1       27060311         ECLASS 7.0.0       27060311         ECLASS 7.0.0       27060311         ECLASS 7.0.0       27060311         ECLASS 7.0.0       EC001825         customs tariff number       65444290         GTIN       4048879216951         Packaging unit       1         Electrical datal Supply       Coperating voltage AC max.         Operating voltage AC max.       125 V         Operating voltage AC (UL-listed)       90 V         Operating voltage DC (UL-listed)       90 V         Operating per contact max.       4 A         Installation Connection       20 mm         Mounting set       M12 x 1         Device protection   Electrical       Addition protection elgree         Addition pegree       3         Rated surge voltage       1,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating locking material         Coating locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw con	ECLASS-6.1	27279218
ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-13.1       27060311         ECLASS-14.0       27060311         ETIM-5.0       EC001855         oustoms tariff number       85444290         GTIN       4048879216951         Packaging unit       1         Electrical data [Supply       Operating voltage AC max.         Operating voltage AC max.       125 V         Operating voltage AC max.       125 V         Operating voltage AC CLL-listed)       30 V         Current operating voltage AC (UL-listed)       30 V         Current operating voltage DC (UL-listed)       30 V         Current operating voltage DC (UL-listed)       30 V         Current operating voltage DC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating procentact max.       4 A         Installation [Connection       10 mm         Mounting set       M12 x 1         Device protection   Electrical       44         Additional condition protection degree       1.5 kV         <	ECLASS-7.0	27279218
ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ETMA-5.0       EC001855         oustoms tariff number       85444290         GTIN       404887921691         Packaging unit       1         Electrical data   Supply	ECLASS-8.0	27279218
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-S.0       EC001855         customs triff number       8544290         GTIN       4048879216951         Packaging unit       1         Electrical data   Supply       Coperating voltage AC max.         Operating voltage AC max.       125 V         Operating voltage AC max.       125 V         Operating voltage AC (LI-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Coperating voltage AC (UL-listed)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additonal condition protection degree       1.5 kV <td< td=""><td>ECLASS-9.0</td><td>27060311</td></td<>	ECLASS-9.0	27060311
ECLASS-12.0       27060311         ETIM-S.0       EC001855         customs tariff number       85444290         GTIN       4048672616951         Packaging unit       1         Electrical data   Supply       Derating voltage AC max.         Operating voltage AC max.       125 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating approximation max.       4 A         Installation [Connection       Electrical         Stripping length (jacket)       20 mm         Mounting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated aurge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Zinc die-casting         Material group on the protection Zinc die-casting       Image: Since wonnection         Material aurge wonnection       Zinc die-casting         Mechanical data   Mounting data       Locking noteking protection         Coasting of fitting       insteled, screwed, Shaking protection         Coasting o	ECLASS-10.1	27060311
ETIM-5.0     EC001855       customs tariff number     8544230       GTIN     4048879219951       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC (LL-listed)     30 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     1,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     Coating locking       Nickeled     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material sorge reave connection     Zinc die-casting       Material sorge	ECLASS-11.1	27060311
customs tariff number     85444290       GTIN     4048879216951       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     125 V       Operating voltage AC max.     125 V     Operating voltage AC (UL-listed)       Operating voltage AC (UL-listed)     30 V     Operating voltage AC (UL-listed)       Operating voltage AC (UL-listed)     30 V     Operating voltage AC (UL-listed)       Operating voltage AC (UL-listed)     30 V     Operating voltage AC (UL-listed)       Ourment operating per contact max.     4 A     Installation (Connection       Installation (Connection Bergee     20 mm     Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree     3       Rated surge voltage     1,5 kV     Material group (IEC 60664-1)     I       Methanical data   Material data     Coating of fitting     nickel plated     Coating of fitting     nickel plated       Locking material     Zinc die-casting     Material screw connection     Zinc die-casting       Methanical data   Mounting data     Iserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating temperature min.     -25 °C     Operating temperature	ECLASS-12.0	27060311
GTIN   4048879216951     Packaging unit   1     Electical data   Supply      Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating port contact max.   4 A     Installation   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   1,5 kV     Material group (IEC 60664-1)   1     I   Mechanical data   Material data     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   Coating of fitting     Operating method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Coating of coating on cable quality     Mechanical data   Mounting data   Sr C     Operating temperature max.   85 °C <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 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     3     Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1     1     Mechanical data   Material data     Coating of fiting     nickel plated     Coating of fiting     Sir C     Coating of fiting     -25 °C	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 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     Additional condition protection degree       Additional condition protection degree     3       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechnical data   Material data     Coating of fitting       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     Operating temperature min.       -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	GTIN	4048879216951
Operating voltage AC max.     125 V       Operating voltage AC (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     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating for (IEC 60664-1)       Coating locking     Nickeled       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 characetristis   Climatic     Co	Packaging unit	1
Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 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     1,5 kV       Material group (IEC 606641)     I     I     Mechanical data   Material data       Coating locking     Nickeled     Coating of fitting     nickel plated       Locking material     Zinc die-casting     Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating lemperature min.     -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes	Electrical data   Supply	
Operating voltage DC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 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     1,5 kV       Material group (IEC 606641)     I     I     Mechanical data   Material data       Coating locking     Nickeled     Coating of fitting     nickel plated       Locking material     Zinc die-casting     Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Operating lemperature min.     -25 °C     Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes	Operating voltage AC max.	125 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       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting       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     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		125 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       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting       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     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage AC (UL-listed)	30 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     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data       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     Pale of the cable quality		30 V
Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical	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     1,5 kV       Material group (IEC 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       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     Important installation notes	Installation   Connection	
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Image: Coating locking       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     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes     Important installation notes     Important installation notes	Stripping length (jacket)	20 mm
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Image: Coating locking       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     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes     Important installation notes     Important installation notes	Mounting set	M12 x 1
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Meterial screw connection     Zinc die-casting       Meunting 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     Important installation notes     Important installation notes		
Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       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       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Abi S °C     Additional condition temperature range       Important installation notes     depending on cable quality		incorted serowed
Rated surge voltage     1,5 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     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes		
Material group (IEC 60664-1)     I       Mechanical data   Material data     Nickeled       Coating locking     Nickeled       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     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes		
Mechanical data   Material data       Coating locking     Nickeled       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     -25 °C		· 
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notes-25 °C		
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     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes		Nickeled
Locking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting datainserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangeImportant installation notesImportant installation notes		
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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     Environmental characteristics		
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		
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Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes	-	
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Important installation notes		25 °C
Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes		
Important installation notes		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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: 2024-05-20

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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	
wire arrangement	brown, black, blue, white, green-yellow
Cable identification	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A 57 Ω/km @ 20 °C
Electrical resistance line constant wire	-
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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