

## M12 female 0° A-cod. with cable

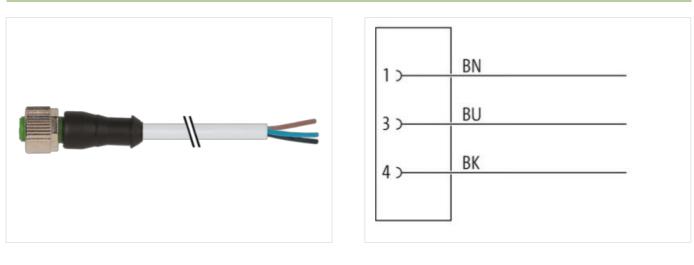
PUR 3x0.34 gy UL/CSA 6m

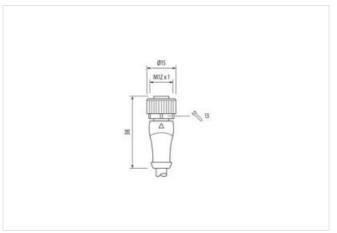
## **▲ NOTICE ▲** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

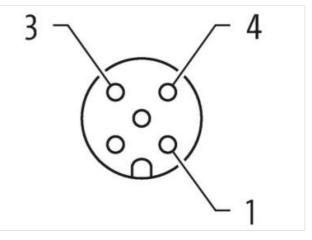
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



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: 2024-04-27

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Family construction form         M12           Thread         M12 x 1           Suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Stripping length (jackot)           Commercial data         2           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.1.0         27060311           ECLASS-1.0.1         2001855           Ecuations tarif humber         8544259           GTIN         4048679214056	Cable length	6 m
Mounting method         mained, sorawed           Family construction form         M12           Frankal         M12.X 1           Subble for corrugaled tube (internal 0)         10 mm           Sociang         A           Material         PUR           No. of poles         3           Width across fats         SW19           Strepping length (isekst)         20 mm           Commercial data         ECLASS 6.0           ECLASS 6.0         27279218           ECLASS 6.0         27090311           ECLASS 7.0         27090311           ECLASS 7.	Side 1	
Mounting method         mained, sorawed           Family construction form         M12           Frankal         M12.X 1           Subble for corrugaled tube (internal 0)         10 mm           Sociang         A           Material         PUR           No. of poles         3           Width across fats         SW19           Strepping length (isekst)         20 mm           Commercial data         ECLASS 6.0           ECLASS 6.0         27279218           ECLASS 6.0         27090311           ECLASS 7.0         27090311           ECLASS 7.	Tiahtenina toraue	0.6 Nm
Family construction form         M12           Trinead         M12 x 1           Softing         A           Maintal         PUR           Softing         A           Magerial         PUR           No. of polos         3           Softing         Bitle           Softing         Softing           Softing         PUR           No. of polos         3           Softing         Softing           Softing         PUR           Commercial dist         Softing           Commercial dist         Softing           Commercial dist         27279218           CLASS-6.0         27279218           CLASS-6.0         27279218           CLASS-6.0         27279218           CLASS-7.0         27279218           CLASS-7.0         27279218           CLASS-7.0         27060311           CLASS-7.0         27000100 <td>Mounting method</td> <td></td>	Mounting method	
Thread         M2 × 1           autable for corrugated tube (internal 0)         10 mm           Soling         A           Material         PUR           No of poles         3           With access fuels         SW19           Degree of protection (EN IEC 60520)         IP66, IP67           Side 2         Stropping stropping (picket)           Commercial data         Commercial data           ECLASS 4.0         27279218           ECLASS 4.0         272606311           ECLASS 4.0         270506311           ECLASS 5.1.1         270606311           ECLASS 5.0         270506311           ECLASS 5.0         2600 V           Operating voltage DC max.         260 V           Operating voltage DC max.         260 V           Operating voltage DC max.         260 V           Operating voltage DC max.		
Coding         A           Matural         PUR           No. of polis         3           With across fits         SW13           Degree of protection (EN IEC 60529)         IP66, IP67           Side 2         SW13           Commodial data         CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Thread	M12 x 1
Meterial         PUR           No. of poles         3           Witch across fitts         SW13           Degree of protection (EN IEC 60589)         IP65, IP66K, IP67           Std 2            Commercial fitts         20 mm           Commercial fatts         2279218           ECLASS 4.0         22796311           ECLASS 4.0         27060311           ECLASS 4.0         27060311           ECLASS 4.1.1         27060311           ECLASS 4.1.1         27060311           ECLASS 4.0         27060311           ECLASS 1.1         27060311           ECLASS 1.1         27060311           ECLASS 1.1         27060311           ECLASS 1.1         27060311           ECLASS 1.2         28000           GTN         404897214050           GTN         404897214050           Operating voltage A.C max.         250 V           Operating voltage D.C (UL-listed)         30 V           Operating voltage A.C max.         4.0           <	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Na. of poles         3           Widh accose flats         SW13           Sogree of protection (EN EC 60529)         IP65, IP66K, IP67           Side 2         2           Side 1         2           Sommercial data         2           ECLASS-6.0         27279218           ECLASS-6.1         27279216           ECLASS-6.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         27060311           ECLASS-1.0         EC0001855           Eusterns striff number         85444280           OTIN         404837214065           Packaging unt         1           Electrical data [Supply         250 V           Operating voltage AC (Turk.1ead)         30 V           Operating voltage AC (UL-Listed)         30 V           Operating voltage AC (UL-Listed)         30 V           Operating voltage AC (UL-Listed)         <	Coding	A
Widh across fluis         SW13           Degroe of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Side 2           Side 4         Side 3           Storpen length (acket)         20 mm           Commercial data         E           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0         27060311           ECLASS-8.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.0         27060311           ECMASS-1.0         2006311           ECMASS-1.0         2006311           ECMASS-1.0         2006311           ECMASS-1.0         2006311           ECMASS-1.0         2006311           ECMASS-1.0         2006311           Doversity unit         1           Electrical data I Suppy	Material	PUR
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Commercial (also           Commercial (also         27279218           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-8.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         ECOID1855           Ecual data [ Suppy]         27060311           Ecual data [ Suppy]         Commercial data [ Suppy]           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating	No. of poles	3
Side 2           Stripping length (jacket)         20 mm           Commercial dat         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         2779218           ECLASS 7.0         2760311           ECLASS 7.0         2760311           ECLASS 7.0         2760311           ECLASS 7.0         2760311           ECMASI dat Suppit         604987214056           Editasion formutin mumber         850 V           Oparating voltage AC max.         250 V	Width across flats	SW13
Stripping length (jacked)         20 mm           Commercial dats         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27260811           ECLASS 7.0         27060311           ECLASS 7.0         2706031           ETIM 5.0         EC001855           Eusdorns faiff number         8544290           GTIN         4048879214056           Packaging unit         1           Electrical data [ Suppit         250 V           Operating voltage DC max.         250 V           Operating voltage DC m	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data         27279218           ECLASS 6.0         27279218           ECLASS 7.0         2726031           ECLASS 7.0         27060311           ECLASS 7.1.1         27060311           ECLASS 7.2         27060311           PCLASS 7.2         27060311           ECLASS 7.2         27060311           ECLASS 7.2         27060311           EclaSS 7.2         270010           Packaging unit         1           Eclecieed Comax         250 V           Operating voltage AD max         250 V           Operating voltage Par contact max. <td>Side 2</td> <td></td>	Side 2	
ECI.ASS-6.0         27279218           ECI.ASS-6.1         27279218           ECI.ASS-7.0         27279218           ECI.ASS-8.0         27279218           ECI.ASS-8.0         27279218           ECI.ASS-9.0         27060311           ECI.ASS-10.1         27060311           ECI.ASS-11.1         27060311           ECI.ASS-12.0         27060311           ECI.ASS-12.0         27060311           ECI.ASS-12.0         27060311           ECI.ASS-12.0         ECO.1855           ECI.ASS-12.0         ECO.1855           ECI.ASS 12.0         ECO.1855           Dere	Stripping length (jacket)	20 mm
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27760311           ECLASS-9.0         27660311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2         27060311           ECLASS-1.2.0         27060311           ECLASS 1.2.0         27060311           ELASS 1.2.0         27060311           Electical data [ Supply         30.V           Operating voltage AC (IL-Isted)         30.V           Operating voltage AC (IL-Isted)         30.V           Current operating voltage AC (IL-Isted)         30.V           Eurent operating voltage AC (IL-Isted)         30.V           Eurent o	Commercial data	
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27760311           ECLASS-9.0         27660311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2         27060311           ECLASS-1.2.0         27060311           ECLASS 1.2.0         27060311           ELASS 1.2.0         27060311           Electical data [ Supply         30.V           Operating voltage AC (IL-Isted)         30.V           Operating voltage AC (IL-Isted)         30.V           Current operating voltage AC (IL-Isted)         30.V           Eurent operating voltage AC (IL-Isted)         30.V           Eurent o	ECLASS-6.0	27279218
EQLASS-7.0         27279218           EQLASS-8.0         27279218           EQLASS-8.0         27260311           EQLASS-10.1         27060311           EQLASS-11.1         27060311           EQLASS-12.0         27060311           Equations tariff number         8544220           Castor Statistical Conditions tariff number         8544230           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating avoltage AC (UL-listed)         30 V           Current operating avoltage AC (UL-listed)         30 V           Current operating avoltage AC (UL-listed)         30 V           Curent operating tariff numo	ECLASS-6.1	
EGLASS-9.0         27060311           EGLASS-10.1         27060311           EGLASS-11.1         27060311           EGLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048679214056           Packaging unit         1           Electrical data   Supply	ECLASS-7.0	
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         4048979214056           Packaging unit         1           Electrical data [Supply         Electrical data [Supply           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (LL-listed)         30 V           Operating voltage AC (LL-listed)         30 V           Operating procentact max.         4 A           Installation   Connection         Electrical data [Supply           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         Electrical data           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 6 06664-1)         I           Mechanical data [Material data         Coating of fitting           Coating of fitting         nickel plated	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECILASS-12.0         27060311           ETIM-5.0         EC001855           Destions tariff number         85444290           GTIN         4048879214056           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating portage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         40482           Mounting set         M12 x 1           Device protection   Electrical         Acd           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge vo	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048379214056           Packaging unit         1           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         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            Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material	ECLASS-10.1	27060311
ETIM-5.0         EC001885           customs tariff number         8544230           GTIN         4048379214056           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC (LU-listed)         30 V           Current operating voltage DC (LU-listed)         30 V           Operating voltage AC (LU-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           Rater Surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data            Coating locking         Nickeled           Coating of fitting         nickel plated           Locking materia	ECLASS-11.1	27060311
bustoms tariff number         85444290           GTIN         4048879214056           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage DC 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            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 (ICE 0666-1)         I           Material group (ICE 0666-1)         I           Mechanical data   Material data            Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Material data         Imeet-casting           M	ECLASS-12.0	27060311
GTIN     4048879214056       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     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       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Inserted, screwed     Policanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Metanical data   Mounting data     Sinc die-casting       Metanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       250 V         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Installation   Connection       4 A         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)       1         Mechanical data   Material data       Inceled         Coating of fitting       nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Meterial screw connection       Zinc die-casting         Meterial screw connection       inserted, screwed, Shaking protection         Meterial material       Mounting data	customs tariff number	85444290
Electrical 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         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       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 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         Material I Mounting data       Inserted, screwed, Shaking protection         Methanical data   Mounting data       Strewed, Shaking protection	GTIN	4048879214056
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         4 A           Strippi length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical         4           Additional condition protection degree         instred, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Xickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         In cele-casting           Material screw connection         In cele-casting           Material screw connection         In cele-casting           Mechanical data   Mounting data         In certed, screwed, Shaking protection           Mounting method         inserted, screwed, Shakin	Packaging unit	1
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       Installation   Connection         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       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         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection	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         Additional condition protection degree           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 locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Methanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection	Operating voltage AC max.	250 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       Inserted, screwed         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       Vickeled         Coating locking       Nickeled         Coating of fitting       cince die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic	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       Inserted, screwed         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       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         Environmental characteristics   Climatic       Inserted, screwed, Shaking protection	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         Inserted, screwed           Coating locking         Nickeled           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	Operating voltage DC (UL-listed)	30 V
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     Inserted, screwed       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Methanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection	Current operating per contact max.	4 A
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       Image: 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       Image: Coating protection         Mechanical data   Mounting data       Encrement, Screwed, Shaking protection	Installation   Connection	
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       1         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       Screwed, Shaking protection	Stripping length (jacket)	20 mm
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       1         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       Screwed, Shaking protection	Mounting set	
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       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		
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         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Inserted, screwed, Shaking protection       inserted, screwed, Shaking protection	· · ·	inserted screwed
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         Mounting method       inserted, screwed, Shaking protection		
Material group (IEC 60664-1)       I         Mechanical data   Material data       Vickeled         Coating locking       Nickel plated         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Vickeled         Mounting method       inserted, screwed, Shaking protection		
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		
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       Strewed, Shaking protection		
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Zinc die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Vertication		Nickeled
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		
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic		
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic		
Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic		
Environmental characteristics   Climatic		inserted screwed Shaking protection
	-	
Operating temperature min.     -25 °C		
	Operating temperature min.	-25 °C

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Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	223
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	35,97 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>

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