

## M12 female 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA 25m

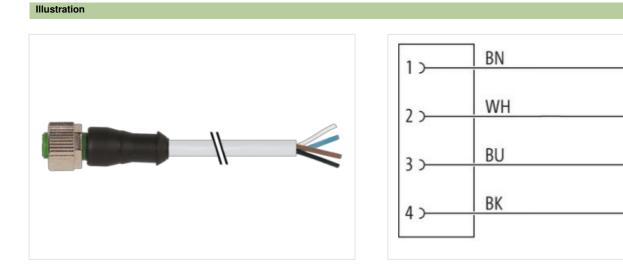
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

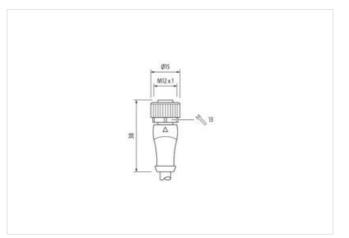
Female straight M12, 4-pole with cable sleeves

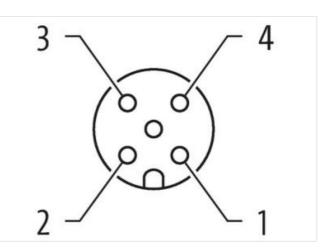
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product







Product may differ from Image



Cable length

25 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: 2024-04-25

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Side 1

Muning method         inserted, screwed           Family construction form         M12           Tread         M12 1           suitable for corrugated tube (internal 0)         10 mm           Coding         A           Material         PUF           Width across flats         SW13           Degree of protection (EN IEC 60528)         IP65. IP66K, IP67           Conneccial data         227279218           ECLASS-6.0         227279218           ECLASS-7.0         227279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS 5.0         27090311           ECLASS-7.0         27000311	Side 1	
Family construction form         M12           Thread         M12 x 1           Quartials for comugated tube (internal Q)         10 mm           Coding         A           Matarial         PUR           With accoss flats         SW13           Degree of protection (EN EG 60209)         PP66, IP667, IP67           Commercial des         E           ECLASS 8.0         27278218           ECLASS 7.0         27060311           ECLAS	Tightening torque	0,6 Nm
Thread         M12 x 1           suitable for corrugated tube (internal 0)         10 mm           Coding         A           Material         PUR           With across firsts         SW13           Degree of protection (EN EC 80629)         IP65, IP68K, IP67           Commovial data         ECLASS-6.0           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-6.0         27090311           ECLASS-6.0         27090311           ECLASS-10.1         27090311           ECLASS-12.0         27090311	Mounting method	inserted, screwed
saitable for corrugated tube (internal 0) Coding A Coding A A Coding A A Matrial PUR Mith accoss flats WV3 Commercial des WV3 Degree or protection (EN EC 60259) IP65, IP66K, IP67 Commercial des ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27260311 ECLASS 7.0 27060311 ECLASS 7.0 ECLASS 7.0 27060311 ECLASS 7.0 ECL	Family construction form	M12
Cading         A           Material         PUR           With across flats         SW 18           Degree of protection (EN IEC 60259)         IP65, IP67, IP67           Commercial data         ECLASS-6.0         27279218           ECLASS-6.0         27279218         ECLASS-6.0           ECLASS-6.1         27279218         ECLASS-7.0           ECLASS-7.0         27279218         ECLASS-7.0           ECLASS-8.0         27279218         ECLASS-7.0           ECLASS-7.0         2729218         ECLASS-7.0           ECLASS-8.1.1         27060311         ECLASS-7.0           ECLASS-7.0         27090311         ECLASS-7.0           Grains taiff number         85442930         ECHASS-7.0           Grains taiff number         85442930         ECHASS-7.0           Operating valage AC max.         250 V         Operating valage AC max.         250 V           Operating valage AC Max.	Thread	M12 x 1
Material         PUR           With across flats         SW13           Degrae of protection (EN EC 60529)         IP65, IP67, IP67           Commercial dats         27279218           ECLASS.6.0         27279218           ECLASS.6.1         27279218           ECLASS.6.0         27279218           ECLASS.6.0         27279218           ECLASS.6.0         27279218           ECLASS.6.0         27060311           ECLASS.7.0         27060311           ECLASS.7.1         27060311           ECLASS.7.0         2600135           ETMA.5.0         Mod8578212782           Packaging unit         1           Electrical data [Suppit         250 V           Operating voltage AC (UL-listed)         30 V	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Wath across hals         SW13           Degree of protection (EN IEC 60528)         PB6, IP66K, IP67           Commercial data         PE6, IP66K, IP67           Commercial data         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27060311           ECLASS 8.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 8.1.1         27060311           ECLASS 9.1.1         27060311           ECLASS 9.1.1         27060311           ECLASS 9.1.1         27060311           ECLASS 9.1.2         27060311           ECLASS 9.1.1         4048879212762           Packaging unit         1           Electrical data [Suppy)         U           Operating voltage AC max.         280 V           Operating voltage AC (UL isted)         30 V           Rated surge voltage	Coding	A
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         E           ECIASS 6.0         27279218           ECIASS 7.0         27279218           ECIASS 6.1         27279218           ECIASS 6.0         27279218           ECIASS 5.0.1         27060311           ECIASS 5.0.1         27060311           ECIASS 5.10.1         27060311           ECIASS 5.12.0         250 V           Operating voltage AC max.         250 V           Operating voltage AC LUL-listed.0         30 V           Current operating voltage AC (UL-listed.0         30 V	Material	PUR
Commercial data           ECLASS 6.0         27279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27269218           ECLASS 7.0         27060311           ECLASS 7.0         270702           Packaging unt         1           Electical data I Supply         Coverality overality overa	Width across flats	SW13
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-6.0         27090311           ECLASS-10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090315           ECLASS-12.0         27090316           ECLASS-12.0         27090316           Backaging unit         1           Packaging unit         404897212782           Packaging unit         1           Electrical datal Supply         V           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL-Isleid)         30 V           Current operating voltage AC (UL-Isleid)         30 V           Current operating voltage AC (UL-Isleid)         30 V           Current operating voltage AC (UL-Isleid)         30 V           Electrical Condition protection degree         inserted, screwed           Folliuon Degree         3           Rated supe voltage         2.5 kV           Material screw connectin	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.1         27060311           ECLASS-14.2         27060311           ECLASS-15.2.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-13.1         404873212762           Packaging unit         1           ECHCIACIDE SCOPPS         ECHCIACIDESCOPPS           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 coperating per contact max.         4 A           Explandic In Connection         Inserted, screwed           PoliLion Dagree         3           Rotted scoperating in protection degree         inser	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETM-5.0         EC001855           cuatoms tariff number         8544290           GTIN         404879212762           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC full-Isted)         30 V           Current operating per contact max.         4 A           Instalation   Connection         M12 x 1           Device protection   Electrical         Inserted, screwed           Pailution Dagree         3           ACtional condition protection degree         Inserted, screwed           Pailution Dagree         3           Rated surge voltage         25 kV           Material sort (Ex 0664+1)         1           Mechanicad tat   Material data	ECLASS-6.0	27279218
ECLASS-8.0         2729218           ECLASS-9.0         27060311           ECLASS-0.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.1         EC010525           audoms tariff number         8544290           GTIN         404879212762           Packaging unit         1           Electical dal Supply         Electical dal Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-isted)         30 V           Operating voltage CU (U-isted)         30 V           Current operating per contact max.         4 A           Installation   Connection         Itstallation   Connection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Faled surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Zinc ele-casting           Material greew connection         Zinc die-casting           Material	ECLASS-6.1	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           outstoms taff number         8544290           GTIN         4048879212762           Packaging unit         1           Electrical data   Supply         Departing voltage AC max.           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           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Bevice protection   Electrical         Installed group (UC Gold+1)           Additional condition protection degree         3           Palate group (UC Gold+1)         1	ECLASS-7.0	27279218
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         EC001855           outstoms taff number         8544290           GTIN         4048879212762           Packaging unit         1           Electrical data   Supply         Departing voltage AC max.           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           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Bevice protection   Electrical         Installed group (UC Gold+1)           Additional condition protection degree         3           Palate group (UC Gold+1)         1	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001856           customs taiff number         85444290           GTIN         4048879212762           Packaging unit         1           Electrical data [Supply         Comparing voltage AC max.           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           Instaliation   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         1           Instaliation (CC 60664-1)         1           Material group (IEC 60664-1)         1           Material group (IEC 60664-1)         1           Material group (IEC 60664-1)         1           Material sorew connection         Zinc die-casting           Material group (IEC 60664-1)         1           Material sorew conneciton         Zinc die-casting	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879212762           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC CUL-listed)         30 V           Current operating per contact max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         iserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (EC 60664-1)         1           Methanical data   Material data         Cociacuing of fitting           Coating of fitting         nickel plated           Locking material         Zinc disc-asting           Material screw connection         Zinc disc-asting	ECLASS-10.1	
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879212782           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           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection            Additional condition protectrion degree         inserted, screwed           Pollution Degree         3           Additional condition protectrion degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664.1)         1           Mechanical data   Mounting data         incele-casting           Mechanical data   Mounting data         Zinc die-casting           Material screw connection         inserted, screwed, Shaking protection           Material screw connection         inserted, screwed, Shaking protection           Mounting materid         Zinc die-casting	ECLASS-11.1	27060311
customs tariff number         85444290           GTIN         4048879212762           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           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating page contact max.         4 A           Installation   Connection            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data            Coating of fitting         nickel plated           Locking material         Zinc dia-casting           Material screw connection         Zinc dia-casting           Mechanical data   Mounting data         Incerled, screwed, Shaking protection           Environmental characteristics   Climatic         Sis °C           Operating temperat	ECLASS-12.0	27060311
GTIN     4048879212762       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       Installatin   Connection     Installatin   Connection       Mounting set     M12 x 1       Device protection   Electrical     A       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     Concesting       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Xin die-casting       Material group (IEC 60664-1)     Inserted, screwed, Shaking protection       Material group (IEC 60664-1)     I       Material group (IEC 60664-1)     I       Incharical data   Material data     Inco die-casting       Material protection     Zin die-casting       Material Surge wonnection     Zin die-casting       Material Hounting data     Inco die-casting       Material Imageriaure min.     -25 °C       <	ETIM-5.0	 EC001855
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       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   Electrical       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60064-1)     1       Mechanical data   Material data     Inserted, screwed       Coating of titing     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 max.     85 °C       Additional condition temperature range     depending on cable quality       Portorentity     Product standard	customs tariff number	85444290
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         Kata           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         inserted, screwed           Polution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inckeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Ine dis-casting           Material screw connection         Zinc dis-casting           Material screw connection         Since dis-casting           Mounting method         inserted, screwed, Shaking protection           Environmental	GTIN	4048879212762
Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inckel plated           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sine die-casting           Material screw connection         Sine die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inckel plated           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sine die-casting           Material screw connection         Sine die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic <td>Electrical data   Supply</td> <td></td>	Electrical data   Supply	
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         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         Coating locking           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc cie-casting           Material screw connection         Kine-casting           Material screw connection         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contornity         UNEN 61076-2-101 (M12)	Operating voltage AC max.	250 V
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           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 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         Qerating temperature min.           -25 °C         Qerating temperature max.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Operating temperature max.         85 °C		
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Installation   Connection         Mule 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         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         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating of rotacteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cortornity         UN EN 61076-2-101 (M12)		
Current operating per contact max.     4 A       Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Vickeled       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     Vickeled       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard		30 V
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Inceled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zin cdie-casting           Material screw connection         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         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           Conformity         UN EN 61076-2-101 (M12)		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)         1           Mechanical data   Material data         -           Coating locking         Nickeled           Coating locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Sinserted, screwed, Shaking protection           Environmental characteristics   Climatic         -           Operating temperature min.         -25 °C           Operating	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         inckeled           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         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         UIN EN 61076-2-101 (M12)		M12 x 1
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage2,5 kVMaterial group (IEC 60664-1)IMechanical data   Material dataNickeledCoating lockingNickeledCoating of fitingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataSinceted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityUN EN 61076-2-101 (M12)	-	
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       I         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       DIN EN 61076-2-101 (M12)		
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       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       Conformity     DIN EN 61076-2-101 (M12)		
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       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Additional condition temperature range       depending on cable quality         Conformity       UN EN 61076-2-101 (M12)		
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       Vertex - Social Composition         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       DIN EN 61076-2-101 (M12)		2,5 kV
Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       UN EN 61076-2-101 (M12)	Material group (IEC 60664-1)	I
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Material screw connection       Zinc die-casting         Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       UN EN 61076-2-101 (M12)	Coating of fitting	nickel plated
Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       UN EN 61076-2-101 (M12)	Locking material	Zinc die-casting
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       Product standard       DIN EN 61076-2-101 (M12)	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)	Mounting method	inserted, screwed, Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)	-	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)		
Additional condition temperature range     depending on cable quality       Conformity        Product standard     DIN EN 61076-2-101 (M12)		
Conformity       Product standard       DIN EN 61076-2-101 (M12)		
Product standard DIN EN 61076-2-101 (M12)		
Cable	Product standard	DIN EN 61076-2-101 (M12)
	Cable	

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Cable identification	224
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	42,68 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)	4× 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, wh
Stranding combination	4 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)	4.6 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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