

## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 12m

Female straight M12, 4-pole shielded 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

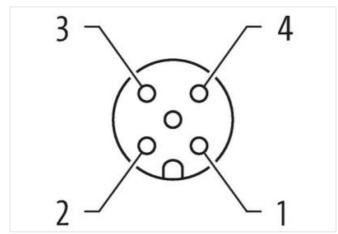
Illustration





N B

3



Product may differ from Image



Cable length

Side 1

12 m

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: 2024-05-04

0,6 Nm

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Trimad     M12 x 1       Soding     A       Kedral     PUR       With across flats     SW13       Segres of proteining (KB IEC 00529)     IPP65, IPP67       Commercial data     27279218       SCLASS 6.0     27279218       SCLASS 6.1     27279218       SCLASS 6.1     27279218       SCLASS 6.0     27279218       SCLASS 6.1     27260311       SCLASS 6.1     27060311       SCLASS 7.1.1     27060311       SCLASS 7.1.2     27001311       SCLASS 7.1.3     27060311       SCLASS 7.2.2     2700131       SCLASS 7.2.2     2700131       SCLASS 7.2.2     2706131       SCLASS 7.2.2     2707 </th <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Soling         A           Adaria         PUR           Vich across flats         SVH3           Vich across flats         SVH3           Sogre of protection (EN EC 05529)         PDS. (PDS/ PDF.)           Commercial data         27279218           SCLASS 4.0         27279218           SCLASS 5.1         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27050311           SCLASS 5.0         27060311           SCLASS 1.1         27060311           SCLASS 1.2         2706031           SCLASS 1.2         270704           Sclass 1.1         260 V     <	Family construction form	M12
Jamenal         PUB           Widh across flats         SW13           Widh across flats         SW13           Widh across flats         SW13           Segre of production (EN IEC 6052)         IPPS, IPPS, IPPS, IPPS,           Commercial data         Z7278218           SCLASS 6.0         Z7278218           CCLASS 7.0         Z7278218           SCLASS 5.0         Z7278218           SCLASS 5.0         Z7278218           SCLASS 5.0         Z7260311           SCLASS 5.0         Z7060311           SCLASS 5.10.1         Z7060311           SCLASS 5.10.2         Z7060311           SCLASS 5.10.3         Z706031           SCLASS 5.10.5         E0001805           suatoms tuff number         8444290           STIN         404807961126           Paradaping unit         1           Electrical data [Supply         Jparafle onlage AC max.           Sol V         Jparafle onlage AC max.           Anter strategraphic onlage AC max.         60 V           Jparafle onlage DC max.         60 V           Jparafle onlage DC max.         50 V           Advantagraphic onlage AC max.         10           Moditional concition         Miz x 1	Thread	M12 x 1
With across fiata         SWI13           Pagre of protection (EN IEC 6026)         IPSL, PEKR, IP67           Commarcial data         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27279218           SCLASS 5.0         27279219           SCLASS 5.0         2729218           SCLASS 5.0         2729219           SCLASS 5.0         27090311           SCLASS 5.1.1         27060311           SCLASS 5.2         27090311           SCLASS 5.2         2700011           Sclass 3.2 <td>Coding</td> <td>A</td>	Coding	A
Segree of protection (EN IEC 00529)         IPR6, IP67           Commercial data            SCLASS F.0         27279218           SCLASS F.0         27050311           SCLASS F.0         27050311           SCLASS F.1.0         27060311           SCLASS F.1.0         27060311           SCLASS F.1.0         27060311           SCLASS F.1.0         27060311           SCLASS F.0.0         2707012           SCLASS F.0.0         4           SCLASS F.0.0         4           SCLASS F.0.0<	Material	PUR
Commercial data              27279218 27090311 27090311 27090311 270903 2709031 270903 70110 70110             701	Width across flats	SW13
ECLASS 6.0     22737218       ECLASS 5.1     27272218       ECLASS 5.0     27278218       ECLASS 5.0     27278218       ECLASS 5.0     2726811       ECLASS 5.0     27060311       ECLASS 5.12     2706031       ECLASS 5.12     27060311       ECLASS 5.12     2706031       ECLASS 5.12     2706031       ECLASS 5.12     2706031       ECLASS 5.12     1       ELECHARD CONCLES     01       ELECHARD CONCLES     1       ELECHARD CONCLES     1       ELECHA	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS-6.1     227278218       ECLASS-7.0     227278218       ECLASS-7.0     227278218       ECLASS-6.0     27279218       ECLASS-7.0     27060311       ECLASS-7.0     27060311       ECLASS-7.2.0     27060311       ECLASS-7.2.0     27060311       ECLASS-7.2.0     27060311       ECLASS-7.2.0     2706031       STIM-50     ECO01855       automs tariff number     8544200       STIM     4048279291128       Stekaging unit     1       Effectrical data [ Supply        Sparating voltage AC max.     60 V       Aparating voltage AC max.     60 V       Aparating voltage DC max.     60 V       Darant operating por contact max.     4 A       Enstallation Connection        Worling on Utage DC max.     60 V       Darant operating por contact max.     4 A       Enstallation Connection        Worling Outage DC max.     60 V       Darant operating por contact max.     4 A       Enstallation Connection        World approxemating the Screwed        Solution Degree     3       Solution Degree     3       Solution Degree     3       Solution Degree     3	Commercial data	
ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27090311           ELECECLASS 7.0         27090311           ELECECLASS 7.0         4048879591126           ELECECLASS 7.0         60 V           Operating voltage 0.0         N12 × 1           Environmetion protection degree         3           Tated surge voltage         1.5 kV           Adarial group (IEC 60664 · 1)         1	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           STIM         4048279591126           Zakaging unit         1           Electrical data   Supply            Operating voltage AC max.         60 V           Current operating por contact max.         4 A           Installation   Connection            Mounting set         M2 x 1           Device protection   Electrical            Variant operating voltage AC max.         1           Device protection   Electrical            Mounting set         M2 x 1           Device protection   Electrical            Hatel ators (ICC Robet-1)         1           Mounting set         3           Batel surge voltage         1,5 kV           Material group (ICC Robet-1)         1           Mechanical data   Material data         Zinc die-casting           Material group (ICC Robet-1)         1	ECLASS-6.1	27279218
ECLASS 9.0         27060311           ECLASS 1.0.1         27060301           ECLASS 1.1.1         27060301           ECLASS 1.1.1         27060301           ECLASS 1.2.0         27060301           ECLASS 1.1.1         27060301           ECLASS 1.2.0         27060301           ECLASS 1.1.1         27060301           ECLASS 1.2.0         EC001855           Sustoms taff number         8644290           TIN         4048879591126           Packaging unit         1           Electical data   Supply         Electical data   Supply           Deparating voltage CC max.         60 V           Operating voltage PC max.         60 V           Deparating voltage PC max.         60 V           Advited at prove protection representer max.         4 A           Installation   Connection         M12 x 1           Device protection releacities         Isserewed           Pollution Degree         3           Atland arguing (CE 06664-1)         1           Mechanical data   Material data         Iss kV           Material group (CE 06664-1)         1           Mechanical data   Material data         Iss kV           Material group (CE 06664-1)         1 <tr< td=""><td>ECLASS-7.0</td><td>27279218</td></tr<>	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETLM 5.0         EC001855           stations faulf number         8544290           TIN         404487591126           *ackaging unit         1           Electrical data   Supply         J           Deparating voltage AC max.         60 V           Operating voltage AC max.         60 V           Deparating uptage DC max.         60 V           Deparating uptage AC max.         60 V           State Stat	ECLASS-8.0	27279218
ECLASS 11.1         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ECLASS 51.20         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           STIM 4         4048979591126           Packaging unit         1           Electrical data   Supply         Electrical data   Supply           Deparating voltage AC max.         60 V           Operating voltage DC max.         60 V           Deparating voltage DC max.         60 V           Deparating voltage DC max.         60 V           Stands Condector         H2 x 1           Bevice protection   Electrical         H2 x 1           Beditional condition protection degree         1.5 kV           Batel surge voltage         1.5 kV           Beditional condition protection degree         1.5 kV           Batel surge voltage         <	ECLASS-9.0	27060311
ECLASS-12.0         27080311           ETIM-5.0         EC001855           Statusm staff number         8544290           3TIN         4048879591126           Tark for number         9544290           STIN         4048879591126           Derivation staff number         90 V           Derivation staff number         60 V           Derivation staff number         Material group staff number           Derivation staff number         1           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material group (EC 606664-1)         1	ECLASS-10.1	27060311
TIM-5.0         EC001855           sustoms tardf number         6544230           STIN         404887591126           Packaging unit         1           Electrical data   Supply         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Installation   Connection         4 A           Installation   Electrical         M12 x 1           Device protection   Electrical         inserted, screwed           Volution Longiton protection optice         inserted, screwed           Volution Longiton protection optice         inserted, screwed           Volution Longiton         1           Mechanical data   Material data         Josef Patel           Volution Longiton         1           Mechanical data   Material data         Josef Patel           Volution Longiton         1           Mechanical data   Material data         Josef Patel           Volution Longiton         Zosef Patel           Volution Longiton         Zosef Patel           Volution Longiton         Zosef Patel           Volution Longiton         Zosef Patel           Voluting data         Inserted, screwed, Shaking p	ECLASS-11.1	27060311
austoms tarilf number         85444280           STIN         4048879591126           Stakaging unit         1           Electrical dia   Supply         60 V           Operating voltage AG max.         60 V           Sparating voltage AG max.         60 V           Operating voltage AG max.         60 V           Sparating voltage AG max.         60 V           Operating voltage AG max.         60 V           Sparating voltage AG max.         60 V           Operating voltage AG max.         60 V           Sument operating per contact max.         4 A           Installation   Connection         1           Operating voltage AG max.         60 V           State surge voltage         1.5 kV           Adaterial group (IEC 60064-1)         1           Mechanical data   Material data         Xin ofle-casting           Adaterial group (IEC 60064-1)         1           Mechanical data   Material data         Xin ofle-casting           Adaterial group (IEC 60064-1)         1           Mechanical data   Mouting data         Xin ofle-casting           Adaterial group (IEC 60064-1)         1           Mechanical data   Mouting data         Xin ofle-casting           Material group (IEC 60064-1) <td< td=""><td>ECLASS-12.0</td><td>27060311</td></td<>	ECLASS-12.0	27060311
STIN     4048879591126       Packaging unit     1       Electrical data   Supply     60 V       Operating voltage AC max.     60 V       Sparating voltage DC max.     60 V       Sparating voltage DC max.     60 V       Uperating voltage DC max.     60 V       Sparating voltage DC max.     60 V       Deviating voltage DC max.     4 A       Installation   Connection     1       Boxice protection   Electrical     1       Device protection   Electrical     1       Maditional condition protection degree     inserted, screwed       Solution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     1       Datage voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     1       Datage voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     2mo die-casting       Material screw connection     Zmo die-casting       Material screw connection     2mo die-casting       Mechanical data   Mounting data     1       Porating temperature mix.     85 °C       Deparating temperature mix.     85 °C       <	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       60 V         Operating voltage AC max.       60 V         Operating voltage DC max.       60 V         Surrent operating per contact max.       4 A         Installation   Connection       4 A         Installation   Connection       Molexan         Mouning set       M12 x 1         Device protection   Electrical       Molexan         Validional condition protection degree       3         Rated surge voltage       1.5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Surved         Soating of fitting       nickel plated         Soating of fitting       nickel plated         Soating data   Material ata       Zinc die-casting         Mechanical data   Mounting data       Molexand         Souting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Sind         Soperating temperature max.       85 °C         Vadidional condition temperature max.       85 °C <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290
Electrical data   Supply         60 V           Operating voltage AC max.         60 V           Depreating par contact max.         4 A           Installation   Connection         Mil2 x 1           Device protection   Electrical         Mil2 x 1           Device protection   Electrical         Serewed           Validitional condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surge voltage         1,5 kV           Material group (16 Co668+1)         1           Mechanical data   Material data         Serewed           Dotating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking method         inserted, screwed, Shaking protection           Mechanical data   Mounting data         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Src           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Src           Operating temperature max.         85 °C           Mouting method         inserted, screwed, Shaking protection           Environmental characteris	GTIN	4048879591126
Sperating voltage AC max.         60 V           Operating voltage DC max.         60 V           Surrent operating per contact max.         4 A           Installation   Connection         M12 x 1           Bovice protection   Electrical         M12 x 1           Device protection   Electrical         instruct operating voltage AC max.           Voltage AC max.         M12 x 1           Device protection   Electrical         instruct operating voltage           Voltage AC max.         M12 x 1           Device protection   Electrical         instruct operating voltage           Voltage AC max.         M12 x 1           Device protection   Electrical         instruct operating voltage           Voltage AC max.         M12 x 1           Device protection   Electrical         M12 x 1           Voltage AC max.         M12 x 1           Device protection   Electrical         M12 x 1           Voltage AC max.         M12 x 1           Device protection   Electrical         M12 x 1           Voltage AC max.         Voltage AC max.           Voltage AC matrin di data         Voltage AC max.	Packaging unit	1
Operating voltage DC max.         60 V           Durrent operating per contact max.         4 A           Installation   Connection         Maximum           Adunting set         M12 x 1           Device protection   Electrical         Maximum           Vaditional condition protection degree         inserted, screwed           Oblicion Degree         3           Rated surge voltage         1,5 kV           Adaterial group (IEC 60664-1)         1           Mechanical data   Material data         Device protection           Zoating of fitting         nickel plated           cooking material         Zinc die-casting           Mechanical data   Mounting data         Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Deperating temperature max.           Deperating temperature max.         85 °C           Vaditional condition temperature max.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endinagera	Electrical data   Supply	
Operating voltage DC max.         60 V           Durrent operating per contact max.         4 A           Installation   Connection         Maximum           Adunting set         M12 x 1           Device protection   Electrical         Maximum           Vaditional condition protection degree         inserted, screwed           Oblicion Degree         3           Rated surge voltage         1,5 kV           Adaterial group (IEC 60664-1)         1           Mechanical data   Material data         Device protection           Zoating of fitting         nickel plated           cooking material         Zinc die-casting           Mechanical data   Mounting data         Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Deperating temperature max.           Deperating temperature max.         85 °C           Vaditional condition temperature max.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endinagera	Operating voltage AC max.	60 V
Surrent operating per contact max.     4 A       Installation   Connection       dourning set     M12 x 1       Device protection   Electrical       Xdditional condition protection degree     inserted, screwed       Opluinon Degree     3       Rated surge voltage     1,5 KV       Material group (IEC 60664-1)     I       Mechanical data   Material data       Zoating locking     Nickeled       Zoating locking     Nickeled       Zoating locking     Nickeled       Zoating of fitting     nickel plated       Cocking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Inserted, screwed, Shaking protection     Environmental characteristics   Climatic       Dyperating temperature min.     -25 °C       Operating temperature min.		60 V
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         inserted, screwed           Validitional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Ataterial group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Dotating locking         Nickeled           Coating of fitting         nickel plated           Coating data   Mounting data         Zinc die-casting           Material screw connection         Zins die-casting           Material screw connections   Climatic         Foregramme           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Material Cobernet for mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending lorces.           Contornity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessivis bending lorces.           <		4 A
Adunting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         iserted, screwed           Pollution Degree         3           Alated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         isckel plated           Doating locking         Nickeled           Doating of fitting         incide plated           Locking matrial         Zinc die-casting           Mechanical data   Mounting data         Jinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Diperating temperature min.           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Validional condition tomperature range         Perdentign on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Product standard         DIN EN 61076-2-101 (M12)           Installation [Cable         DIN EN		
Durp of protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Additional condition protection degree         1           Mechanical data   Material data         Image: Condition protection degree           Doating locking         Nickeled           Doating locking         Nickeled           Doating of fitting         nickel plated           Doating of fitting         Nickeled           Doating of fitting         nickel plated           Doating of fitting         Nickeled           Aderial screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Advertial characteristics   Climatic         Image: Condition temperature main.           Deparating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         In No 1076-2-101 (M12)           Installation   Cable         IN No 1076-2-101 (M12)		M12 x 1
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Atterial group (IEC 60664-1)         I           Mechanical data   Material data         I           Coating locking         Nickeled           Dating of fitting         nickel plated           coating not fitting         nickel plated           coating anterial         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Sincerted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Opperating temperature main.         -25 °C           Opperating temperature range         depending on cable quality           Miditional condition temperature range         depending on cable quality           Important installation notes         Xettention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity		
Pollution Degree       3         Rated surge voltage       1,5 kV         Atterial group (IEC 60664-1)       I         Mechanical data   Material data       I         Coating locking       Nickeled         Dating of fitting       nickel plated         Coating naterial       Zinc die-casting         Atterial screw connection       Zinc die-casting         Mechanical data   Mounting data       Jourting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature min.       -25 °C         Depreating temperature range       depending on cable quality         Important installation notes       Voluention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Conformity		
Aated surge voltage       1,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       I         Doating locking       Nickeled         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating of fitting       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Deparating temperature min.         -25 °C       Operating temperature max.         Abd on time perature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Protect the 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		
Material group (IEC 60664-1)       I         Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating 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       Coating on cable quality         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           cocking 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         Diperating temperature min.           -25 °C         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes		
Coating locking         Nickeled           Coating of fitting         nickel plated           Coating material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical dat   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         -           Vote on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Product standard         DIN EN 61076-2-101 (M12)		•
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         Deperating temperature min.       -25 °C         Deperating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Viscource bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		
Acking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Deparating temperature min.       -25 °C         Deparating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)	Coating locking	
Material screw connection       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)		
Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Deperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           Product standard         DIN EN 61076-2-101 (M12)		
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Deparating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         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.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable	Environmental characteristics   Climatic	
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Conformity Product standard DIN EN 61076-2-101 (M12) Installation   Cable	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12) Installation   Cable	Conformity	
Installation   Cable	Product standard	DIN EN 61076-2-101 (M12)
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Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Traversing distance (C-track)	5 m @ 25 °C
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Max. rated voltage (conductor - conductor)	350 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C

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