

## M12 male 0° / M12 female 90° A-cod.

PUR 4x0.34 ye UL/CSA+drag ch. 0.6m

Art.No.: 7000-40121-0340060 Weight: 0.047 Country of origin: US Model designation: MSDL0-A-T034 0.6

## Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

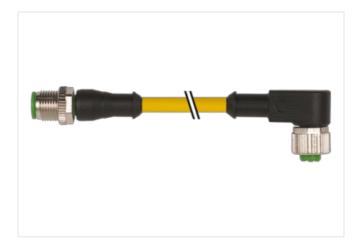
If you are missing technical information? Please feel free to use our dictionary to find more technical details.

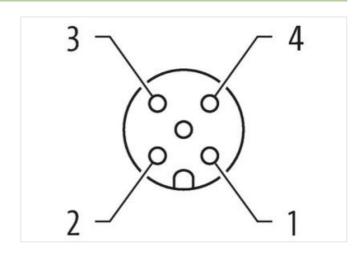
Product details: Male straight - female 90° M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

## Link to Product

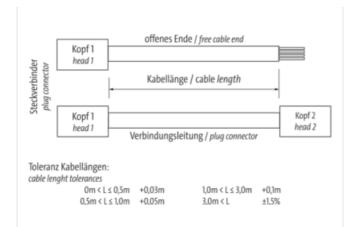
Illustration



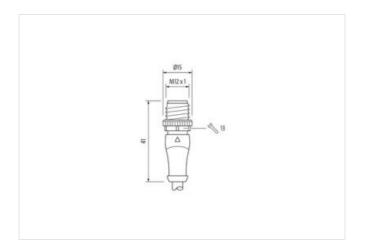


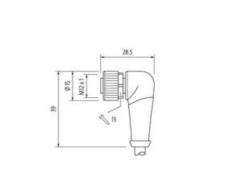
The information in this Product-PDF has been compiled with the utmost care Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-06

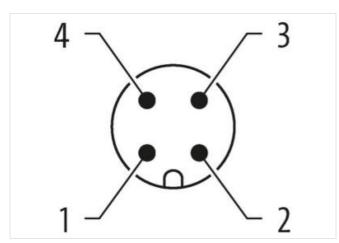












Product may differ from Image



Cable length	0,6 m	
Side 1		
Tightening torque	0,6 Nm	

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suitable for corrugated tube (internal 0)       10 mm         Material       PUR         With across flats       SW13         Degree of protection (EN IEC 60529)       IP65, IP66K, IP67         Side 2	Mounting method	inserted, screwed
Thread       M12 x 1         suitable for corrugated tube (internal 0)       10 mm         With across flata       90 H         Burger of protection (FM EC 69259)       IP65, IP66K, IP67         Side 2	Family construction form	M12
suitable for corrugated tube (internal 0) 10 mm Material PUR With arcoss Elest Side 2 Tiphening torque 0,6 km Mounting mathod inserted, screwed Family construction form Mi2 x 1 analog for corrugated tube (internal 0) 10 mm Material M12 x 1 Suitable for corrugated tube (internal 0) 10 mm Material M12 x 1 Suitable for corrugated tube (internal 0) 10 mm Material 00 00 10 10 00 mm Material 00 00 10 10 00 00 00 00 00 00 00 00 00	Thread	M12 x 1
Material       PUR         Width across flats       SW13         Degree of protection (EN EC 60529)       IPBS, IPBK, IPS7         Side 2		10 mm
Degree of protection (EN IEC 60529)       IP66, IP66K, IP67         Side 2       Triphoning forque       0.8 Nm         Mounting method       inserted, screwed       Image: Construction form       M12         Thread       M12 1       Image: Construction form       M12         Subtability for corrupated tube (internal 0)       10 mm       Image: Construction form       PUR         Width across flats       SW13       Construction (EN IEC 60529)       IP66, IP67         Commercial data       Commercial Construction (EN IEC 60529)       IP66, IP67       Commercial Construction (EN IEC 60529)       P278219         ECLASS-6.0       27278219       Construction (EN IEC 60529)       P278219         ECLASS-6.1       27276219       Construction (EN IEC 60529)       P2600311         ECLASS-6.1       27060311       CONES5       Construction (EN IEC 6052)       P260031         ECLASS-1.1       27060311       CONES5       Construction (EN IEC 6052)       P260031         ECLASS-1.2       27060311       Construction (EN IEC 6052)       P260031         Parkaging unit       1       Construction (EN IEC 6052)       P260031         Eclass 10, Information (EN IEC 6052)       27060311       Construction (EN IEC	Material	
Side 2Tightening longue0.6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 1Satisbie for corrugated tube (internal)10 mmMaterialPURWitch across flafsSV13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Conneccial data27279219EGLASS-6.027279219CGLASS-7.027279219CGLASS-7.027279218EGLASS-6.027060311EGLASS-6.027060311EGLASS-6.127060311EGLASS-6.127060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.02706031ETM-5.0EC001685Cuatoma Laffit number844429.0EAN4048879178570Packaging unit1Electrical and ISoppyOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage DC max.250 VOperating top contact max.4 AInstitution I ConnectionInstitution I ConnectionMaterial arcy top (EC 6064-1)Institution I ConnectionCat	Width across flats	SW13
Side 2Tightening longue0.6 NmMounting methodinserted, screwedFamily construction formM12ThreadM12 1Satisbie for corrugated tube (internal)10 mmMaterialPURWitch across flafsSV13Degree of protection (EN IEC 60529)IP65, IP66K, IP67Conneccial data27279219EGLASS-6.027279219CGLASS-7.027279219CGLASS-7.027279218EGLASS-6.027060311EGLASS-6.027060311EGLASS-6.127060311EGLASS-6.127060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.027060311EGLASS-7.02706031ETM-5.0EC001685Cuatoma Laffit number844429.0EAN4048879178570Packaging unit1Electrical and ISoppyOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage AC max.250 VOperating voltage DC max.250 VOperating top contact max.4 AInstitution I ConnectionInstitution I ConnectionMaterial arcy top (EC 6064-1)Institution I ConnectionCat	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Tiptening torque       0.6 Nm         Mounting method       inserted, screwed         Family construction form       M12 x 1         Stratuction form       010 mm         Material       PUR         With across flats       SW13         Degree of protection (EN IEC 60529)       IP66, IP66K, IP67         Commercial dat       Z2729218         ECLASS-0.0       27279218         ECLASS-0.0       27279218         ECLASS-0.0       27279218         ECLASS-0.0       27279218         ECLASS-0.0       27060311         ECLASS-1.1       27060311         ECLASS-1.2       27060311         ECLASS-1.1       27060311         ECLASS-1.2       27060311         ECLASS-1.2       27060311         ECLASS-1.1       27060311         ECLASS-1.2       2706031         EVM > 0       04980797570         Packaging unit       1         Electrical data   Supply       290 V         Current operating unit gen contact max.       290 V         Current operating unit gen contact max.       4 A         Instalition   Connection       Inserted, screwed <td></td> <td></td>		
Mounting method       inserted, screwed         Family construction form       M12         Thread       M12 1         suitable for corrugated tube (internal 0)       10 mm         Maerial       PUR         With across flats       SW13         Degree of protection (ENEC 60529)       1965, IP66K, IP67         Commercial data       27279216         ECLASS-6.0       27279218         ECLASS-7.0       27279218         ECLASS-6.0       27260311         ECLASS-6.0       27060311         ECLASS-1.1       27060311         ECLASS-1.2       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.0       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.0       27060311         ECLASS-1.0       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311         ECLASS-1.1       27060311 <td></td> <td>0.6 Nm</td>		0.6 Nm
Family construction form       M12         Thread       M12 x 1         Suitable for corrugated tube (inferral 0)       10 mm         Material       PUR         Width across flats       SW13         Degree of protection (EN EC 60529)       IPES, IPESK, IPE7         Commercial data       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       272000311         ECLASS-6.1       27060311         ECLASS-1.1       27060311         ECLASS-1.2       27060311         ECLASS-1.3       27060311         ECLASS-1.4       27060311         ECLASS-1.5       27060311         ECLASS-1.5       27060311         ECLASS-1.1       27060311         ECLASS-1.2       ECO01685         customs tariff number       S544290         EAN       4040879178570         Poretaing voltage DC max.       250 V         Operating voltage DC max.       250 V         Current operating per con		
Thread   M12 x 1     suitable for corrugated tube (internal Ø)   10 mm     Miterial   PUR     With across flats   SW13     Dagree of protection (EN IEC 60528)   IP65, IP66K, IP67     Commercial data   ECLASS-6.0     27279218   ECLASS-6.0     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.3   27060311     ECLASS-1.4   27060311     ECLASS-1.5   27060311     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.2   27060311     ECLASS-1.2   27060311     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.1   27060311     ECLASS-1.2   200     Darie of Using AC max.   250 V     Operating voltage AC max.   250 V     Current operating are orotact max.   4 A <td>-</td> <td></td>	-	
suitable for corrugated tube (internal 6)       10 mm         Material       PUR         With arcoss fills       SW13         Dagree of protection (EN EC 6052)       IP65, IP66K, IP67         Commercial data       E         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27279218         ECLASS-6.0       27260511         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.2       27060311         ECLASS-10.4       24897178570         Packaging unit       1         Electrical data   Suppiy       Jone V         Operating voltage AC max.       250 V         Current operating per contact max.       450 V         Current operating actor actoractor actoractor actor actor actor actor actor actor actor actor		
Material   PUR     Widh across flats   SW13     Degree of protection (EN IEC 60529)   IP65, IP67X     Commercial data   27279218     ECLASS-6.0   27279218     ECLASS-9.0   27279218     ECLASS-9.0   27279218     ECLASS-9.0   27279218     ECLASS-9.0   27260311     ECLASS-9.1   27060311     ECLASS-1.1   27060311     ECLASS-1.2.0   27060311     ECLASS-1.3   27060311     ECLASS-1.4   27060311     ECLASS-1.5   27060311     ECLASS-1.0   27060311     ECLASS-1.1   27060311     ECLASS-1.3   27060311     ECLASS-1.4   27060311     ECLASS-1.5   27000311     ECLASS-1.1   27060311     ECLASS-1.1   27000     Evaluation in the evaluation in th		
Width across flats   SW13     Degree of protection (EN IEC 60529)   IP65, IP66K, IP67     Commercial data   V     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27279218     ECLASS-6.0   27060311     ECLASS-6.0   27060311     ECLASS-7.0   27060311     ECLASS-1.1   27060311     ECLASS-1.2   27060311     ECLASS-1.4   27060311     ECLASS-1.4   27060311     ECLASS-1.5   270     P204250   ECAN     Adds70178570   Packaging unit     1   1     Electical data [Supply   Operating voltage AC max.     Operating voltage DC max.   250 V     Courrent operating per contact max.   4 A     Installation [Connection   Mol 2x 1     Mouting action protection degree   3     Additional condition protection		
Degree of protection (EN IEC 60529)       IP65, IP66K, IP67         Commercial data       ECLASS-6.0       27279218         ECLASS-6.0       27279218       ECLASS-6.0       27279218         ECLASS-6.0       27279218       ECLASS-6.0       ECLAS		
Commercial data         ECLASS 4.0       27279218         ECLASS 7.0       27279218         ECLASS 4.0       27279218         ECLASS 4.0       27279218         ECLASS 4.0       27279218         ECLASS 4.0       27260311         ECLASS 4.0       27060311         ECLASS 1.1       27060311         ECLASS 1.2.0       27060311         Eclass 1.1       27060311         Eclass 1.2.0       250 V         Operating voltage AC max.       250 V         Current operating per contact max.       4 A         Instation I Con		
ECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027260311ECLASS-0.027060311ECLASS-1.127060311ECLASS-1.127060311ECLASS-1.2.027060311ECLASS-1.327060311ECLASS-1.427060311ECLASS-1.527060311ECLASS-1.427060311ECLASS-1.5EC001855customs tariff number85444290EAN40487917870Packaging unit1Electrical data   SupplyJOperating voltage AC max.250 VOperating voltage AC max.250 VCurrent operating per contact max.4 AInstallation   ConnectionInserted, screwedPolution gearc3Mounting setM12 x 1Device protection   ElectricalInserted, screwedPolution Degree3Material group (EC 60664-1)1Mechanical data   Material dataCoating of fittingnickeledCoating of fittingnickeledCoating of fittingnickeled alterCoating of fittingnickeled alterMaterial screw connectionZine die-castingMechanical data   Mounting dataS°CEnvironmental characteristics   ClauselGeneging on cable qualityOperating temperature max.85 °CAdditional condition temperature rangeGeneging on cable quality		
ECLASS-7.0       27279218         ECLASS-8.0       27279218         ECLASS-9.0       27060311         ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       ECOI1855         customs tariff number       8544290         EAN       4048879178570         Packaging unit       1         Electrical tar [Supply       Electrical 200 V         Operating voltage AC max.       250 V         Current operating per contact max.       4 A         Installation [Connection       Installed in [Supply         Moutting et       M12 x 1         Device protection [Electrica		07070010
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-12.0       27060311         ECLASS-12.0       EC001855         customs tariff number       85444290         EAN       4048379170570         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage DC max.       250 V         Current operating per contact max.       4 A         Installation   Connection          Mouting set       M12 x 1         Device protection   Electrical          Additional condition protection degree       inserted, screwed         Pollution Degree       3         Material group (IEC 60664-1)       1         Mechanical data          Coating of fitting       nickeled         Coating of fitting       nickele plated         Locking material       Zinc die-casting         Material screw connection		
ECLASS-4.0       27060311         ECLASS-10.1       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC01855         customs tariff number       8544290         EAN       40487970570         Packaging unit       1         Eletrical data [supply       Eletrical data [supply         Operating voltage AC max.       250 V         Querating voltage DC max.       250 V         Current operating per contact max.       4 A         Installation   Connection       M12 x 1         Bevice protection   Electrical       Electrical data [supply         Additional condition protection degree       3         Pollution Degree       3         Material group (EC 6064-1)       1         Mechanical data [Material data       Coating of fiting         Coating locking       Nickeled         Coating of fiting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-castin		
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   27060311     ECLASS-12.0   ECO01855     customs tariff number   85444290     EAN   4048879178570     Packaging unit   1     Electrical data   Supply   Deverating voltage AC max.     Operating voltage AC max.   250 V     Operating voltage DC max.   250 V     Current operating per contact max.   4 A     Installation   Connection   Installation   Connection     Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   3     Pollution Degree   3     Material group (IEC 60664-1)   1     Material group (IEC 6		
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       EAN     404879178570       Packaging unit     1       Electrical data   Supply		
ECLASS-12.0     27060311       ETM-5.0     EC001855       customs tariff number     85444290       EAN     4048879178570       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage PC max.     250 V       Current operating per contact max.     4 A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Poliutin Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on		
ETIM-5.0     EC001855       customs tariff number     8544290       EAN     4048879178570       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     4 A       Mounting set     M12 x 1       Device protection   Electrical     Instelled, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     Vickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       <		
customs tariff number   85444290     EAN   4048879178570     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   250 V     Operating voltage DC max.   250 V     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     Material group (IEC 60664-1)   1     Inserted, screwed      Coating locking   Nickeled     Coating of fitting   nickel plated     Locking metrial   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic      Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
EAN   4048879178570     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   250 V     Operating voltage DC max.   250 V     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     Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     Coating locking   Nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Sinserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   65 °C     Operating temperature range   depending on cable quality		
Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     V       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Inserted, screwed, Shaking protection       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Vocating of fitting       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.       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Operating voltage DC max.     250 V       Current 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       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       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Oo °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Operating voltage DC max.     250 V       Current 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       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       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Oo °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating voltage AC max.	250 V
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       Material group (IEC 60664-1)     I       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     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
Installation   Connection         Mounting set       M12 x 1         Device protection   Electrical       Inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Material group (IEC 60664-1)       I         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       -30 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality		4 A
Mounting set       M12 x 1         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         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         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -30 °C         Operating temperature min.       -30 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality		
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Material group (IEC 60664-1)       1         Mechanical data   Material data       Image: Control of the strewed         Coating locking       Nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Image: Control of the screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -30 °C         Operating temperature min.       -30 °C         Operating temperature max.       85 °C         Adetional condition temperature range       depending on cable quality		M40 4
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Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     Vickeled       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     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	•	
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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     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	-	
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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     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Coating locking	Nickeled
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Coating of fitting	nickel plated
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Locking material	Zinc die-casting
Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -30 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Mechanical data   Mounting data	
Operating temperature min30 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Environmental characteristics   Climatic	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality	Operating temperature min.	-30 °C
Additional condition temperature range depending on cable quality	· · ·	
Important Installation notes		
	Important Installation notes	

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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	
wire arrangement	brown, black, blue, white
Cable identification	034
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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
Nominal voltage AC max.	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)	2.5 kV @ 60 s
Power frequency withstand voltage (wire -	
jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m

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