

## Y-Distributor M12 male / M12 female 0° A-cod.

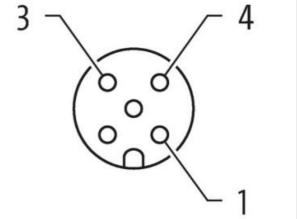
PUR 3x0.34 gy UL/CSA+drag ch. 3m

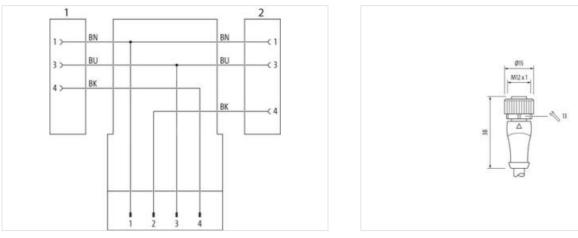
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

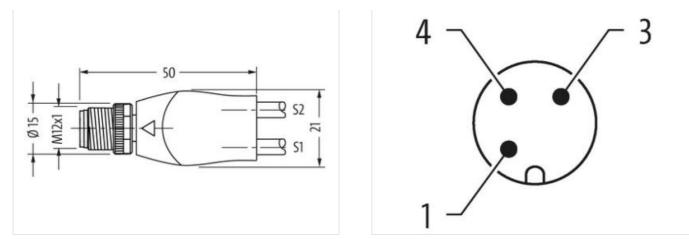






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18





Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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ELASS-8.02706031ECLASS-0.12706031ECLASS-10.127060313ECLASS-11.127060313ECLASS-12.027050313ETM-5.0ECO01855externs Laff number8544290GTIN404827917667Paskaging unt1Etertical data8544290GTIN404827917667Paskaging unt1Etertical data8544290Correnting voltages AC max.260 VCoverating voltages AC max.260 VCoverating voltages AC max.260 VCoverating voltages AC max.260 VCoverating voltages AC (LL-taket)30 VCoverating voltages AC (LL-taket)10 CCoverating voltages AC (LL-taket)10 C <t< th=""><th>ECLASS-6.0</th><th>27279218</th></t<>	ECLASS-6.0	27279218
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EUABS 10.1         27060313           EUABS 12.0         27060313           ETMA.5.0         E0001855           contors fairf number         8544420           OTIN         404879157667           Packaging unit         1           Extricted fails Stoppy         Contors fairf number           Operating voltage AC max.         250 V           Operating voltage AC fuck.         30 V           Operating voltage AC fuck.         4 A           Device protection fuck.         4 A           Device protection (ED         4 A           Device protection [ED         motectal.           Additional concilion         Motectal.           Raide support (EC 00064.1)         Instretal.           Material grave voltage         2.5 KV           Material grave voltage         2.5 KV           Material grave voltage         2.6 KV           Material grave voltage         2.6 KV           Material grave voltage         2.6 KV <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
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EGLASS 12.0     2700313       ETIM-5.0     ECO01855       Contrasts farf number     65444200       GTIN     4048979157667       Peckaging 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 (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Control (Deceting Periodice)     30 V       Operating voltage AC (UL-listed)     30 V       Control (Decetion Periodice)     30 V       Device protection [Electrical     Molecal       Additional condition protection legrese     a       Polution Decete     3       Additional condition protection legrese     3       Rated argo voltage     2.5 NV       Mediar argo voltage     2.5 NV       Mediar argo voltage     2.5 NV       Mediard argo voltage     3       Additional control (Decetion degrese)     nickel plated       Mediard argo voltage     2.5 NV       Mediard argo voltage     2.5 NV       Mediard argo voltage     3       Additional control(Decetion 1     a       Mediard argo voltage	ECLASS-10.1	27060313
ETM-S.0         EC001885           customs furff umber         65444290           GTN         494897567           Packaging unit         1           Electrical data   Supply         Comparing voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC (UL listed)         30 V           Operating voltage AC (UL listed)         30 V           Current operating part contact max.         4 A           Diagnostics         Current operating part contact max.           Statis indication LED         no           Installation   Connection         No           Device protoction   Electrical         Proveewed           Polition protoction degree         inserted, screwed           Polition Dagree         3           Rated surge voltage         2.6 kV           Material group (EC 60664-1)         1           Methadiage         2.6 kV           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Material group (EC 60664-1)         1           Methadiages         Z.rc de-casting           Material group (EC 60664-1)         1           Material group (EC 60664-1)         Z.rc de-casting           Ma	ECLASS-11.1	27060313
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GTN     404879157667       Packaging unit     1       Electrical data   Supply     Image: Common	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostice            Status indication LED         no           Installation   Consonton            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protoclion degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical dista   Material data            Casting   folding         Nickeled           Casting   folding         Nickeled           Casting losing         Nickeled      <	customs tariff number	85444290
Electrical data   Supply         Selv V           Operating voltage AC max.         250 V           Operating voltage AC (UL-isted)         30 V           Installation I Connection         Material social voltage AC (UL-isted)           Device protection I Electrical         182 V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional condition protection 1 (Noteld         Material group (UE G 60664-1)           Atterial group (UE G 60664-1)         1           Material group voltage         2.6 kV           Doltage group voltage	GTIN	4048879157667
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 context max.         4 A           Diagnostics         no           Status indication LED         no           Installation I Connection         M12 x 1           Device protection I Electrical	Packaging unit	1
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Mounting set         served           Additional condition protection degree         inserted, served         Mounting set           Polition Degree         3         Served           Additional condition protection degree         inserted, served         Mounting set           Outgoe on         3         Served         Served           Outgoe on         3         Served         Served           Outgoe on         3         Served         Served           Additional condition protection degree         inserted, serveved         Served           Outgoe on         3         Served         Served           Coating of fitting         nickeled         Served         Served           Coating of fitting         nickeled atea         Served         Served           Material gasket         FKM         Served served         Served	Electrical data   Supply	
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Cirrent operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2,5 KV           Material group (EC 60664-1)         1           Mechanical data   Material data         Coating oddition           Coating odditing         Nickeled           Coating odditing         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Mounting gasket         FKM           Mounting under data         Znc die casting           Material condition interporature max.         85 °C           Operating temperature mix.         45 °C           Operating temperature mix.         85 °C           Additional condition interporature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending racii when laying cables, as the IP protection class can	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         no           Status indication LED         no           Installation   Connection         maintering           Additional condition protection degree         inserted, screwed           Polution Dagree         3           Rated surge voltage         2.5 kV           Material group (EC 60664-1)         1           Mechanical datal Material datal         Material group (EC 60664-1)           Mechanical datal Material datal         Mickel datal           Coating locking         Nickel datal           Coating of fitting         nickel plated           Material gaset         FM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coading of cable quality           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	Operating voltage DC max.	250 V
Current operating per contact max.         4 A           Diagnostics         status indication LED           Status indication LED         no           Installation   Connection         Mit2 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Pollution Dagree         3           Rated surg voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating of fiting           Coating of fiting         Nickeled           Coating of fiting         Nickeled           Coating of fiting         Nickel plated           Material group oncelico         Zinc die-casting           Material group oncelico         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating inserted, screwere shaking protection         Compartinestallation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable li	Operating voltage AC (UL-listed)	30 V
Diagnositie           Status indication LED         no           Installation I Connection         Installation I Connection           Mourting set         M12 x 1           Device protection I Electrical         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical dia I Material data         Mickeled           Coating of fitting         nickel pated           Material group (IEC 60664-1)         1           Mechanical data I Material data         Mickeled           Coating of fitting         nickel pated           Material group (IEC 60664-1)         Zinc die-casting           Material group connection         Zinc die-casting           Material group connection         Zinc die-casting           Material screw connection         Zinc die-casting           Moutting method         inserted, screwed, Shaking protection           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Operating voltage DC (UL-listed)	30 V
Status indication LED         no           Installation I Connection         Mult x 1           Device protection I Electrical         Installation I Connection Geree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data I Material data         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking gasket         FKM           Locking method         Inc die-casting           Material gasket         Sinc die-casting           Methonical data I Mounting data         Ince die-casting           Mounting method         Inserted, screwed, Shaking protection           Portatin temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Inperature function         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Inperature function:         25 °C           Operatin temperature max.	Current operating per contact max.	4 A
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Reted surge voltage         2,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Inserted, screwed           Coating locking         Nickeled           Coating of fitting         Nickeled           Coating of fitting         Nickeled           Coating of fitting         Nickeled plated           Material gasket         FKM           Locking material         Zino die-casting           Material screw connection         Zino die-casting           Mounting method         inserted, screwed, Shaking protection           Evervonmental characteristics   Climatic         Sind           Operating temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important inselid         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on sharin relief         Protect the connectors by suitable measures	Diagnostics	
Mounting set         M12 x 1           Device protection   Electrical         Inserted, screwed           Additional condition protection degree         3           Rade surge voltage         2,5 kV           Material group (IEC 60664-1)         1 <b>Mechanical data   Material data</b> Coating of fitting           Ording of fitting         Nickeled           Coating of fitting         Nickel plated           Material gaska         FKM           Locking material         Zinc die-casting           Material gaska         FKM           Locking material         Zinc die-casting           Material gaska         FKM           Locking material         Screwed, Shaking protection <b>Mechanical data   Mounting data</b> inserted, screwed, Shaking protection <b>Mounting method</b> inserted, screwed, Shaking protection <b>Furiomental characteristics   Climatit Evotomental characteristics   Climatit Doperating temperature min</b> .         25 °C           Operating temperature max.         85 °G           Addition condition temperature range         demonectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on sharin relief         Protect the connectors by suitable measures from mechanical loads, e	Status indication LED	no
Drice ordection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Metanical data   Material data         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Material gasket         FKM           Material gasket         FKM           Material gasket         FKM           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Material serve connection         Zinc die-casting           Material gasket         Serve consection           Prote die fait Mounting data         Incerted, screwed, Shaking protection           Material serve connection         Serve Compending on cable quality           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Additional condition temperature range         Gebeending on cable quality           Important Installation notes         Material conserve the perminssible bending radii when laying cables, as the I	Installation   Connection	
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     Mickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Sincered, Screwed, Shaking protection       Environmental characteristics   Climatic     Coating temperature min.       -25 °C     Operating temperature min.       -25 °C     Quality       Important installation notes     Statention: Observe the permissible bending radii when laying cables, as the IP protection class can be gending on cable quality       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be gending forces.       Contornity     Evolution: Coserve the permissible bending radii when laying cables, as the IP protection class can be gending forces.       Contornity     Evolution: Coserve the permissible bending radii when laying cables, as the IP protection class can be gending forces. <td>Mounting set</td> <td>M12 x 1</td>	Mounting set	M12 x 1
Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Image: Construct of the standard	Device protection   Electrical	
Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking         Nickeled           Coating locking         Nickeled         Coating locking           Material gasket         FKM         Coating locking           Material gasket         FKM         Coating locking           Coking material         Zinc die-casting         Coating locking           Material screw connection         Zinc die-casting         Coating locking           Mechanical data   Mounting data         Inserted, screwed, Shaking protection         Environmental characteristics   Climatic           Operating temperature min.         -25 °C         Operating temperature max.         85 °C           Additional condition temperature max.         85 °C         Coating locking acades, 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.           Contormity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attentition: Observe the permissible bending radii when l	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Moterial 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)         Installation   Cable       233         Cable infification       23         Cable infification       3         Jacket Color       gray         Type of Certificate	Pollution Degree	3
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Importect 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 strain relief         DINEN 61076-2-101 (M12)           Product standard         DINEN 61076-2-101 (M12)           Installation   Cable         233           Cable intertification         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus <td>Rated surge voltage</td> <td>2,5 kV</td>	Rated surge voltage	2,5 kV
Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Metrial screw connection         Zinc die-casting           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Sinserted, screwed, Shaking protection           Additional condition temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Sinsere 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)           Installation   Cable         233           Cable Type         3           Jacket Color         gray           <	Material group (IEC 60664-1)	
Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         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       Installation   Cable         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       233         Cable identification       233         Cable Color       gray         Type of Certificate       cuRus	Mechanical data   Material data	
Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comportation           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           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         233           Cable identification         233           Cable Color         gray           Type of Certificate         cURus	Coating locking	Nickeled
Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing temperature min.           -25 °C         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         6depending 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)           Installation   Cable         233           Cable identification         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus	Coating of fitting	nickel plated
Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Screwed, Shaking protection           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.           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Zia3         Zia3           Cable identification         233         Zia4           Cable IColor         gray         Zia4           Type of Certificate         cuRus         CuRus	Material gasket	FKM
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes            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         INE N6 1076-2-101 (M12)           Installation   Cable         233           Cable identification         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus	Locking material	Zinc die-casting
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating 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         Important installation           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         233           Cable identification         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus	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         Important installation notes       Mote on strain relief         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)         Installation   Cable       233         Cable identification       233         Cable Type       3         Jacket Color       gray         Type of Certificate       cURus	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12)Installation   Cable233Cable identification233Cable Type3Jacket ColorgrayType of CertificatecURus	Mounting method	inserted, screwed, Shaking protection
Operating 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       233         Cable identification       233         Cable Type       3         Jacket Color       gray         Type of Certificate       cURus	Environmental characteristics   Climatic	
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         Cable identification       233         Cable IType       3         Jacket Color       gray         Type of Certificate       cURus	Operating temperature min.	-25 °C
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endangered by excessive bending forces.       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       Cable identification     233       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12)Installation   Cable233Cable identification233Cable Type3Jacket ColorgrayType of CertificatecURus	Note on bending radius	
Installation   Cable       Cable identification     233       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus	Conformity	
Cable identification233Cable Type3Jacket ColorgrayType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type     3       Jacket Color     gray       Type of Certificate     cURus	Installation   Cable	
Jacket Color     gray       Type of Certificate     cURus	Cable identification	233
Type of Certificate cURus	Cable Type	3
	Jacket Color	gray
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 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)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
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
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 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	UL 1581 § 1090   IEC 60332-2-2   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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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