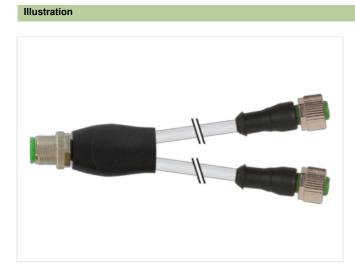


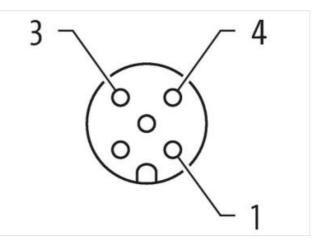
## Y-Distributor M12 male / M12 female 0° A-cod.

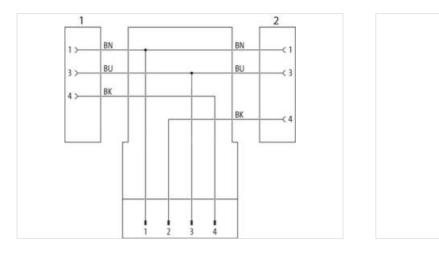
PUR 3x0.34 gy UL/CSA+drag ch. 2.5m

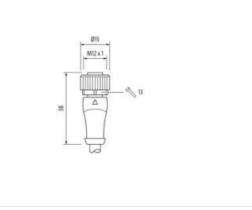
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.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

## Link to Product



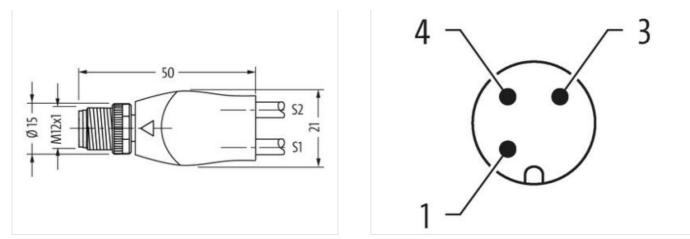






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17





Product may differ from Image



Cable length	2,5 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	

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: 2024-05-17



ECLASS 6.1       27275/18         ECLASS 6.0       27276/18         ECLASS 6.0       27257/18         ECLASS 6.0       27056/13         ECLASS 6.0       27056/13         ECLASS 5.0.1       27056/13         ECLASS 5.0.2       27056/13         ECLASS 5.1.1       27056/13         ECLASS 5.1.1       27056/13         ECLASS 5.1.1       27056/13         ECLASS 5.0       27056/13         ETM 5.0       EC001865         audoms function       8544/20         OTM       406550056484         Packagrig unit       1         Edeirical dial Suppy       Coveraing voltage AC max.         Operating voltage AC max.       250 V         Operating voltage AC func.       250 V         Operating voltage AC func.       30 V         Operating voltage AC func.       4.4         Diagoatic       30 V         Current covariago protocot max.       4.4         Diagoatic       50 V         Status infortion flopers       1         Material group contact max.       4.4         Diagoatic       1         Davidop protocot max.	ECLASS-6.0	27279218
ECA.853 70       22729210         ECA.853 8.0       22729218         ECA.853 8.0       227680313         ECA.85 10.1       27660313         ECA.85 11.1       27060313         ECA.85 12.0       27060313         ECA.85 12.0       27060313         ECA.85 11.1       27060313         ECA.85 12.0       27060313         ECA.85 11.1       27060313         ECA.85 12.0       27060313         CA.85 11.1       27060313         ECA.85 11.1       27060313         Carating staff number       8544280         Garating values AC number       86544280         Operating values AC number       280 V         Operating values AC number       280 V         Operating values AC number       380 V         Operating values AC number       380 V         Current operating part contat max.       4 A         Disposition       Milan AC         Maring at an interfet, scienced       Profilian Depres         Salar Ad ang at max.       5 N         Rada ango values       2 N V         Marcing ango Values       3 N         Carating Obers       1		27279218
ECLASS 9.0       2729219         ECLASS 9.0       27090313         ECLASS 9.0       27090313         ECLASS 11       27090313         ECLASS 12.0       27090313         ETMA 5.0       ECC01555         oatoms taff number       85644200         GTM       4055500004884         Packaging unit       1         Electrical and Supply       Electrical and Supply         Operating voltage AC Omax.       250 V         Operating voltage AC Omax.       250 V         Operating voltage AC Onax.       250 V         Operating voltage AC OL (1-tead)       30 V         Operating voltage AC OL (1-tead)       30 V         Operating voltage AC (0.4.tead)       30 V         Device protection [Electrical       Moland AC (0.4.tead)         Additional dontal fortal (1-tead)       1         Material go (1-tead)       1         Material go (1-tead)       1         Material go (1-tead)		
ECLASS 9.0       27000313         ECLASS 11.1       27000313         ECLASS 12.0       27000313         ECLASS 12.0       27000313         ECLASS 12.0       27000313         ECLASS 12.0       ECONSSE         calors tall number       B544290         GTN       405500004884         Packaging unit       1         Electrical data [Supply       Electrical data [Supply         Operating voltage AC (max.       280 V         Operating voltage AC (Liketed)       30 V         Departing voltage AC (Liketed)       30 V         Cauret operating voltage AC (Liketed)       30 V         Departing voltage AC (Liketed)       30 V         Cauret operating voltage AC (Liketed)       30 V         Departing voltage AC (Liketed)       30 V         Cauret operating voltage AC (Liketed)       30 V		
ECLASS-11.1       27060313         ECLASS-12.0       27060313         ETM 5.0       ECO001865         castons tarff number       8544290         GTM       40559390484         Packaging unit       1         Etectical data [Suppiy       Coperating voltage AC max.         Operating voltage AC max.       250 V         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating oper contact max.       4 A         Diagnostics       T         Status indication LED       no         Installion I Connection       Inserted. screwed         Polution Degree       3         Rated screw voltage       2,5 kV         Material grave, UEC 60054-1)       1         Material grave, Voltage       2,5 kV         Material grave, Voltage       2,5 kV         Material grave, IEC 60054-1)       1         Material grave, IEC 60054-1)       1         Material grave, IEC 60054-1)       1         Material grave, IEC 60054-1)       1 </td <td></td> <td></td>		
ECLASS-12.0       27060313         ETMA.0.       ECO03665         existoms tarff number       6544290         GTM       405509004884         Paskaging unit       1         Electrical data   Suppy       Constance         Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage DC max.       250 V         Operating voltage DC max.       250 V         Operating voltage DC (UL-listed)       30 V         Corrent operating per contect max.       4 A         Diagnostics       Status indication LED         Status indication I DED       no         Installation   Connection       Mile X 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated arge voltage       2.5 KV         Material grave, (EC 60564-1)       I         Electrical data       Mickelid         Coaling of Itiling       rickel plated         Material grave voltage       2.5 KV         Material grave voltage       7.5 KM         Material grave voltage       7.0	ECLASS-10.1	27060313
ETM-5.0   EC001895     customs tariff number   85444290     GTN   40565900484.     Packaging unt   1     Electrical data [Supply      Operating voltage AC max.   250 V     Operating voltage AC max.   250 V     Operating voltage DC (UL-listed)   30 V     Current operating pare contact max.   4 A     Diagnostics      Status Indication LED   no     Installation   Connection   M12 x 1     Device protection   Electrical      Additional contaction protection degree   inserted, screwed     Polution Degree   3     Atabar all dicating to the degree   1     Material group (EC6 0064-1)   1 <	ECLASS-11.1	27060313
austoms tariff number       85444200         GTN       405659964484         Parkaign unit       1         Electrical data   Supply          Operating voltage DC max.       250 V         Operating voltage DC max.       250 V         Operating voltage DC max.       250 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics          Status indication LED       no         Installation Consolton          Mounting set       M12 x 1         Device protection   Electrical          Additional consition protection degree       9.5 KV         Mounting set       Nie X 1         Device protection   Electrical          Additional consition protection degree       2.5 KV         Material agree voltage       1.6 Keiled         Coating of tring       Nickeled         Coating of tring       Nickeled         Coating of tring       Nickeled	ECLASS-12.0	27060313
GTIN   406500904864     Packaging unit   1     Electrical data [Supply   250 V     Operating voltage AG max.   250 V     Operating voltage AG max.   250 V     Operating voltage AG max.   250 V     Operating voltage AG (ILL-listed)   30 V     Current operating per context max.   4 A     Diagnostics   Status indication 1ED   no     Installation I Connection   Max 1     Device protection [Electrical   Device protection [Generation degree     Additional condition protection degree   inserted. screwed     Pollution Degree   3     Raded surge voltage   2.5 kV     Material group (IEC 60664-1)   1     Mechanical data [Material data   Vocked     Coating doking   nickeled     Coating doking   nickeled     Coating doking   nickeled     Coating doking   Nickeled     Coating doking   inserted. screwed. Shaking protection     Material gasket   FKM     Mounting method   inserted. screwed. Shaking protection     Perator insidialiation notes   Si °C     Operating temperature max.   65 °C     Additional condition temperature range   depending on cable quality     Important insidialion notes   Si °C	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Suppy   250 V     Oparating voltage AC max.   250 V     Oparating voltage AC (UL-Istex)   30 V     Oparating voltage AC (UL-Istex)   30 V     Control oparating per contact max.   4 A     Diagnostics   5     Status indication LED   no     Installation   Connection   Mounting set     Mutricy per lectrical   Additional condition protection degree     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (EC 60664-1)   1     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zin	customs tariff number	85444290
Electrical data   Supply       Operatiny voltage AC max.       250 V         Operatiny voltage AC (UL-listed)       30 V         Operatiny voltage AC (UL-listed)       30 V         Operatiny voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostic       V         Statis indication LED       no         Installation   Connection       Mathematical AC         Device protection   Electrical       Mathematical AC         Addition protection degree       3         Pollution Degree       3         Rated surge voltage       2.5 AV         Material group (IEC 6068-1)       1         Material group (IEC 6068-1)	GTIN	4065909094884
Operating voltage AC max.       250 V         Operating voltage DC max.       250 V         Operating voltage AC (ILI-listed)       30 V         Operating voltage AC (ILI-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       mo         Status indication LED       no         Institution (Connection       mo         Additional contifion protection degree       inserted, screwed         Polizion (Electrical)       AC         Additional contifion protection degree       3         Rate dirg over outge Co 6064-1)       1         Mechanical data   Material data       Costing of fitting         Costing of fitting       nickel led         Costing of fitting       nickel led         Costing of fitting       nickel led         Costing of fitting       nickel screwed, Shaking protection         Material gasket       FKM         Costing of fitting       nickel screwed, Shaking protection         Costing of fitting       nickel screwed, Shaking protection         Environmential characteristics   Climatic       Cooting material         Coperating temperature min.       -25 °C         Operatin institication notes	Packaging unit	1
Operating voltage DC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Disposities       Status indication LED       no         Installation (Connection       mo       Installation (Connection LED       no         Device protection I Electrical       Addition protection degree       installation (Connection Connection Connectore by suitable measures from mechanical loads, e.g. by t	Electrical data   Supply	
Operating voltage AC (UL-listed)       30 V         Operating voltage DC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED         Status indication LED       no         Installation I Connection       Mounting set         Additional condition protection degree       installation I Connection         Additional condition protection degree       instanted, screwed         Polution Degree       3         Rated surgo voltage       2.5 kV         Material group (IEC 60664-1)       1         Mechanical data [ Material data       Coating of Ming         Coating of Ming       nickel plated         Material group (IEC 60664-1)       1         Mechanical data [ Material data       Zinc die-casting         Material group (IEC 60664-1)       1         Mechanical data [ Material data       Zinc die-casting         Material group material       Zinc die-casting         Material group material       Zin C die-casting         Material screw connection       Zinc die-casting         Material group material       25 °C         Operating morparature max.       85 °C         Addition temperatu	Operating voltage AC max.	250 V
Operating voltage DC (UL-ilsted)       30 V         Current operating per contact max.       4 A         Diagnostics       Image: Control of Contact max.         Status indication LED       no         Installation I Connection       Image: Contact max.         Mounting set       M12 x 1         Device protection   Electrical       Image: Contact max.         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Costing locking         Costing locking       Nickeled         Costing locking       Nickeled         Costing locking       Nickeled         Costing locking       Zinc die-casting         Material gasket       FKM         Locking material       Zinc die-casting         Mechanical data   Mounting data       Imoedie-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Operating temperature max.       85 °C         Additional condition temperature range	Operating voltage DC max.	250 V
Current operating per contact max.       4 A         Diagnostics       Status indication LED       no         Installation I Connection       Mounting set       M12 x 1         Device protection J Electrical       Additional condition protection degree       inserted, screwed         Pollution Degree       3       Reader surgery voltage       2,5 kV         Material group (IEC 60664-1)       1       Inscreta stress stresstres	Operating voltage AC (UL-listed)	30 V
Diagnostics         Status indication LED       no         Installation   Connection       Mult x 1         Device protection   Electrical       Mult x 1         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (EC 60664-1)       1         Metchanical data   Material data       Kechanical data   Material group (EC 60664-1)         Coating locking       Nickeled         Coating of fitting       nickel plated         Material group (EC 60664-1)       Inserted, screwed, Shaking protection         Material group (EC 60664-1)       Inserted, screwed, Shaking protection         Material group connection       Zinc die-casting         Material screw connection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Commental characteristics   Climatic         Operating temperature main.       -25 °C         Operating temperature mas.       85 °C         Additional condition temperature range       depending or cable quality         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tles.         Note on strain relief <td>Operating voltage DC (UL-listed)</td> <td>30 V</td>	Operating voltage DC (UL-listed)	30 V
Status indication LED   no     Installation   Connection     Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 6068-11)   1     Mechanical data   Material data   Coating of fitting     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Mechanical data   Mounting data   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C     Operating temperature min.   -25 °C   Operating temperature min.   -25 °C     Operating temperature min.   -25 °C   Operating temperature min.   -25 °C     Operating temperature min.   -25 °C   Operating temperature min.   -25 °C     Operating temperature min.   -25 °C   Operating temperature min.   -25 °C <td>Current operating per contact max.</td> <td>4 A</td>	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       Read surge voltage       2.5 kV         Material group (IEC 60664-1)       1       Inserted, screwed       Inserted, screwed         Mechanical data   Material data       Coating of fitting       nickel plated       Inserted, screwed         Coating of fitting       nickel plated       Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Material gasket       FKM       Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Oceand fitting emperature 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 strain relief       DIN EN 61076-2-101 (M12)       Installation (Cable)       Conformiy </td <td>Diagnostics</td> <td></td>	Diagnostics	
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (EC 60684-1)       1         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating of fitting       nickel plated         Material group (EC 60684-1)       Zinc die-casting         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       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature range       depending on cable quality         Important Installation notes       Xattention: Observe the permissible bending radii when laying cables, 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	Status indication LED	no
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating looking         Coating looking       Nickeled         Coating looking       nickel plated         Material gasket       FKM         Looking material       Zinc die-casting         Material gasket       FKM         Looking material       Zinc die-casting         Material screw connection       Zine die-casting         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         AB °C       Additional condition temperature range         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       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 be	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     Coating locking       Ocating locking     Nickeled       Coating locking     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       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.       Note on strain relief     Din En 61076-2-101 (M12)       Installation (Cable     Cable identification       Cable identification     23       Cable identification     23       Cable identification     23       Cable Identification     23       Cable Identificatio	Mounting set	M12 x 1
Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of Itting       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     It KM       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     Operating temperature min.       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 endingered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     233       Cable identification     233     Cable Type       Cable Identification     233     Cable Type       Cable Identification     233	Device protection   Electrical	
Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of Itting       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       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     Operating temperature min.       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 endingered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     233       Cable identification     233     Cable Type       Cable Identification     233     Cable Type       Cable Identification     233     Ca	Additional condition protection degree	inserted, screwed
Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating olcking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       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 lies.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangared by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     233       Cable identification     233       Cable identification     23       Cable Type     3 </td <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
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       Mechanical data   Mounting data     Mounting method       Mounting method     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     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 identi		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       Mechanical data   Mounting data     Mounting method       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 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       aluftering     gray		
Coating of fitting     nickel plated       Material gasket     FKM       Looking 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     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     Cable identification       Cable identification     233       Cable Color     gray       aluDure     aluDure	Mechanical data   Material data	
Coating of fitting     nickel plated       Material gasket     FKM       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     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     Cable identification       Cable identification     233       Cable Color     gray       aluCub     aluCub	Coating locking	Nickeled
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       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.       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     233       Cable identification     233       Cable Type     3       Jacket Color     gray	Coating of fitting	nickel plated
Material screw connection     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       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       endorse     endorse	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     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	Locking material	Zinc die-casting
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Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     more and 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	Mechanical data   Mounting data	
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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     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     233       Cable identification     233       Cable Type     3       Jacket Color     gray	Environmental characteristics   Climatic	
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     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     233       Cable Identification     233       Cable Type     3       Jacket Color     gray	Operating temperature min.	-25 °C
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     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     233       Cable identification     233       Cable Type     3       Jacket Color     gray	Operating temperature max.	85 °C
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     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     233       Cable Identification     233       Gable Type     3       Jacket Color     gray	Additional condition temperature range	depending on cable quality
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     233       Cable identification     233       Cable Type     3       Jacket Color     gray	Important installation notes	
Note on bending radius   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	Note on strain relief	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   233     Cable identification   233     Cable Type   3     Jacket Color   gray	Note on bending radius	
Installation   Cable     Cable identification   233     Cable Type   3     Jacket Color   gray	Conformity	
Cable identification   233     Cable Type   3     Jacket Color   gray	Product standard	DIN EN 61076-2-101 (M12)
Cable Type   3     Jacket Color   gray	Installation   Cable	
Jacket Color gray	Cable identification	233
	Cable Type	3
Type of Certificate cURus	Jacket Color	gray
	Type of Certificate	cURus

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Amount stranding	1
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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