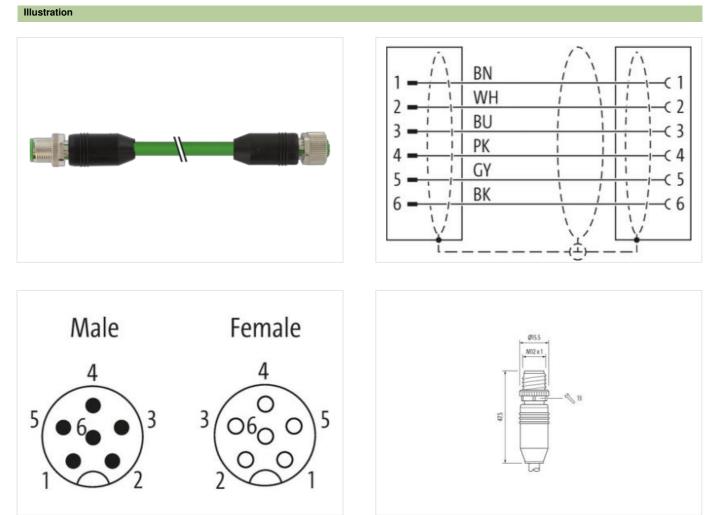


## M12 male $0^\circ$ / M12 female $0^\circ$ A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 7m

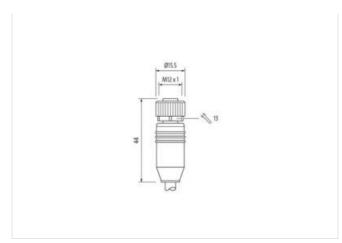
Cube67 Male straight – female straight M12 – M12, 6-pole shielded A-coded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## 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: 2024-05-08





Product may differ from Image



| Cable length             | 7 m               |
|--------------------------|-------------------|
| Side 1                   |                   |
| 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             | 6                 |
| Width across flats       | SW13              |
| 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             | 6                 |
| Commercial data          |                   |
| ECLASS-6.0               | 27061801          |
| ECLASS-6.1               | 27060307          |
| ECLASS-7.0               | 27060307          |
| ECLASS-8.0               | 27060307          |
| ECLASS-9.0               | 27060307          |
| ECLASS-10.1              | 27060307          |
| ECLASS-11.1              | 27060307          |
| ECLASS-12.0              | 27060307          |
| ETIM-5.0                 | EC001855          |

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| Packaging unit     1       Electrical data [Suppi)     Image: Comparity substage AG max.     30 V       Operating voltage AG max.     30 V     Operating voltage AG max.     30 V       Operating voltage AG full. islest)     30 V     Operating voltage AG full. islest)     30 V       Operating voltage AG full. islest)     30 V     Operating voltage AG full. islest)     30 V       Descore for constage of the state of  | customs tariff number                    | 85444290   |
|---|--|--|
| Electrical data   Supply     Use of the second of | GTIN                                     | 4048879140379  |
| Operating voltage AC max.     S0 V       Operating voltage AC max.     S0 V       Operating voltage AC (UL-listed)     S0 V       Operating voltage AC (UL-listed)     S0 V       Current operating voltage AC (UL-listed)     S0 V       Disposition     V       Disposition     V       Disposition (Electrical)     no       Disposition (Electrical)     PSS P67       Addisonal condition protection disgree     inserted, screwed       Patter surge voltage     0.8 kV       Material group (Ele 5064-1)     1       Machanization (Electrical)     Nokeled       Material group (Ele 5064-1)     1       Machanization (Electrical)     Incerted, screwed, Staking protection       Material group (Ele 5064-1)     1       Machanization (Electrical)     Incerted, screwed, Staking protection       Material group (Electrin)  | Packaging unit                           | 1  |
| Operating voltage DC max     90 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Device protection [Electrical     Personal (UL-listed)       Device protection [Electrical     inserted, sorewol       Pollution Device molecular     3       Rated surge voltage AC (UL-listed)     1       Material group (UE 09684-1)  | Electrical data   Supply                 |  |
| Operating voltage DC max     90 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Depring voltage AC (UL-listed)     30 V       Device protection [Electrical     Personal (UL-listed)       Device protection [Electrical     inserted, sorewol       Pollution Device molecular     3       Rated surge voltage AC (UL-listed)     1       Material group (UE 09684-1)  | Operating voltage AC max.                | 30 V   |
| Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Concrrict operating port contract max.     4 A       Disposite     no       Device protection [Electrical     no       Device protection [Electrical     no       Device protection [Electrical     no       Device protection [Electrical     no       Device protection (EN IEC 60629)     1965, 1967       Additional condition protection degree     naeroted, screwed       Polizion Degree     3       Rated super voltage     0.8 kV       Methanical data [Material data     Micketed       Cassing locking     Nicketed       Methanical data [Material data     Zinc die-cassing       Methanical data [Mounting data     Mounting method       Evoromettal characteristics [Climatic     Conversion providement main.       Operating tomporature max.     28 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on bending radii wen laying cables, as the IP protection class can be endangared by socessive bending fraci when laying cables, as the IP protection class can be endangared by socessive bending fraci when laying cables, as the IP   |  |  |
| Operating vertage DC (UL-lister)     30 V       Current operating per contact max.     4 A       Disposition     Bistorial       Status indication LED     no       Device protection [Electrical     Device protection [Electrical       Degree of protection [Electrical     Device protection [Electrical       Degree of protection [Electrical     Status indication LED       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (EC 60664-1)     1       Mechanical data Mounting data     Zine do casting       Mechanical data Mounting data     Zine do casting       Mechanical data Mounting data     Zine do casting       Mechanical data Mounting data     Sine C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     A5 °C       Operating temperature max.     A Sine C       Deferiting temperature max.     A Sine C       Deferiting temperature max.     A Sine C       Deferiting temperature max.     A Sine C <td< td=""><td></td><td>30 V</td></td<>   |  | 30 V   |
| Disposition     In       Status infocation LED     no       Device protection [Electrica]     Position Device protection (ENIEC 6659)     IP65, IP67       Additional condition protection degree     inserted, screwed     Pollution Degree     3       Additional protection (Elect 6658)     3     Restar argo voltage     0.8 kV       Material group (IEC 6658-1)     1     International Condition Protection (Elect 6658-1)     International Condition (Elect 6658-1)       Additional data [Material data     Macked Gassian     International Condition (Elect 6658-1)       Material group (IEC 6658-1)     Internation (Elect 6658-1)     International Condition (Elect 6658-1)       Material grassian     FXM     International Condition (Elect 6658-1)       Material grassian     International Condition (Elect 6658-1)     International Condition (Elect 6658-1)       Operating temperature max     Elect 6658-10     International Condition (Elect 6658-1)       Operating temperature max     Elect 6658-10     Internation (Elect 6658-1)       District Internation (Elect 6658-1)     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable files.       Nate on strain relief     Verion Signal. Data     Cable elect 6658-10     E  | Operating voltage DC (UL-listed)         | 30 V   |
| Status     no       Device of protection   Electrical     IPES, IPE7       Addinard condition protection of degree     IPES, IPE7       Addinard condition protection of degree     3       Patted surge voltage     0.8 kV       Material group (IEC 60664+1)     I       Material group (IEC 60664+1)     I       Material group (IEC 60664+1)     I       Material gaske     FKM       Locking material     Since des-cassing       Material gaske     FKM       Locking material     Since des-cassing       Material gaske     FKM       Contrig Locking material     Since des-cassing       Material gaske     FKM       Contrig Locking material     Since des-cassing       Material gaske     FKM       Contrig Locking material     Since des-cassing       Material parker training     Since des-cassing       Mounting method     Since des-cassing       Environmetal characteristics   Climatic     Since des-cassing       Deparating temperature max.     Since 'C       Additional condition temperature reax.     Since 'C       Note on bording radiu  | Current operating per contact max.       | 4 A  |
| Device protection   Electrical     IPES, IPE7       Additional condition protection degree     inserted, screwed       Polliton Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664.1)     1       Mechanical datal     Material group (IEC 60664.1)       Material group (IEC 60664.1)     1       Mechanical datal     Material gasket       Material gasket     FKM       Locking material     Zinc die casing       Mechanical data   Mounting data     inserted, screwed, Straking protection       Environmental characteristics   Climatic     SC       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Material screwed, Straking protection       Net on strain reliof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Nate on strain reliof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Strading (type)     green     Strading (type)       Typeo f Cerinforato     green  | Diagnostics                              |  |
| Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     Inserted, screwed       Patted surge voltage     0,8 kV       Bated surge voltage     0,8 kV       Material group (IEC 60564-1)     I       Mechanical data   Material data     Conting locking       Conting locking     Nickoled       Mechanical data   Material data     Zino die-casting       Operating temperature min.     -25 °C       Operating temperature man.     -25 °C       Operating regree Temperature man.     -25 °C       Operating regree Temperature man.     -25 °C       Operating regree Temperature man.     -26 °C  | Status indication LED                    | no   |
| Additional condition protection degree   inserted, screwed     Pollution Degree   3     Read surge voltage   0.8 kV     Material group (EC 60664-1)   1     Mechanical data   Material data   Excession     Coating locking   Nickeled     Material gasket   FKM     Locking material   Zinc die-casting     Mechanical data   Mouning data   Isserted, screwed, Shaking protection     Environmental characteristics   Olimatic   Edepending on cable quality     Operating temperature max.   85 °C     Additional condition negree   edpending 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.     Installation (Cable   Exercemental characteristics   Olimatic     Strading (red by disclest   Hybrid, Signal. Data     Cable isterification   802     Jacket Color   green     Type of Certificate   cURus     Amount stranding (type 2)   1     Stranding (type 2)   4 wires with Stranding combination with 3 Filler twisted  | Device protection   Electrical           |  |
| Pailution Degree 3   Rated surge votage 0.8 kV   Rated surge votage 0.8 kV   Material group (ES 06064-1) 1   Mechanical data   Material data Coating (ES 06064-1)   Coating locking Nickeled   Material gasket FKM   Locking material Zino die-casting   Mechanical data   Mounting data Ino die-casting   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.   -25 ° C Operating temperature max.   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Installation   Cable Stration: Observe the permissible bending radi when laying cables, as the IP protection class can be endangered by excessive bending forces.   Stratification 802   Lockic Color green   Type of Cartificate cURus   Amount stranding 1   Stranding (type 2) 4 wires with Stranding combination with 3 Filler twisted   Cable shelding (type) coper trad, tinmed   Cable shelding (type) <   | Degree of protection (EN IEC 60529)      | IP65, IP67   |
| Pailution Degree 3   Rated surge votage 0.8 kV   Rated surge votage 0.8 kV   Material group (ES 06064-1) 1   Mechanical data   Material data Coating (ES 06064-1)   Coating locking Nickeled   Material gasket FKM   Locking material Zino die-casting   Mechanical data   Mounting data Ino die-casting   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.   -25 ° C Operating temperature max.   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Installation   Cable Stration: Observe the permissible bending radi when laying cables, as the IP protection class can be endangered by excessive bending forces.   Stratification 802   Lockic Color green   Type of Cartificate cURus   Amount stranding 1   Stranding (type 2) 4 wires with Stranding combination with 3 Filler twisted   Cable shelding (type) coper trad, tinmed   Cable shelding (type) <   | Additional condition protection degree   | inserted, screwed  |
| Raterial group (IEC 60664-1)     I       Material group (IEC 60664-1)     I       Mechanical data   Material data     Cashing locking     Nickeled       Cashing locking     Nickeled     FKM       Locking material     Zin die casting     Mechanical data   Mounting data       Mechanical data   Mounting data     Inserted, screwed, Shaking protection     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 network     85 °C     Additional condition temperature range     depending on cable quality       Installation temperature range     depending on cable quality     Attention: Cheser whe permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation [ Cable     Hybrid, Signal, Data     Cable identification       Gold Color     green     Cable identification     Gold Cable identification       Mount stranding     1     Stranding     Stranding     Stranding       Yipe of Certificate     cuFlas with Stranding combination with 3 Filler twis   |  |  |
| Material group (IEC 60664-1)     I       Mechanical data   Material data        Coaling locking     Nickeled       Material gaskat     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data        Mechanical data   Mounting data        Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.       Qperating temperature max.     85 °C       Additional condition temperature may.     65 °C       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.       Installation (Cable     Strading (by e.cossive bending lorces.       Installation (Cable     Users with Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     CURus       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)  | Rated surge voltage                      | 0,8 kV   |
| Cotaing locking     Nickeled       Material gasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Since (Since (Si   | Material group (IEC 60664-1)             | 1  |
| Material gasket     FKM       Locking material     Zino die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Additional condition 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.       Installation   Cable     Environmental characteristics   Climatic       STOOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     ClFus       Anount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)     80 %  | Mechanical data   Material data          |  |
| Material gasket     FKM       Locking material     Zino die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C     Additional condition 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.       Installation   Cable     Environmental characteristics   Climatic       STOOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     ClFus       Anount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)     80 %  | Coating locking                          | Nickeled   |
| Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature min.     -25 °C     Coperating temperature man.     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.       Installation   Cable     Storen       STOOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Cortificate     cURus       Anount stranding     1       Stranding     2 wires twisted       Anount stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)     80 %       Banding     Filece       Filler     yes   |  | FKM  |
| Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important Installation notes     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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation [Cable     Attentione: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       StoOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     cUPus       Armount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (coverage)     80 %       Banding (type 2)     90 % <tr< td=""><td></td><td>Zinc die-casting</td></tr<>   |  | Zinc die-casting   |
| Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature may.     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.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Hybrid, Signal, Data       Cable identification     802       Jacket Colo     green       Type of Certificate     cURus       Amount stranding     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filter twisted       Cable shielding (type 2)     4 wires with Stranding combination with 3 Filter twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Fleece       Filler     yes       wire arrang   |  |  |
| Operating temperature min. $-25 \ ^{\circ}$ COperating temperature max. $85 \ ^{\circ}$ 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.Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending tores.Installation   CableSTOOW style jacketHybrid. Signal, DataCable identification802Jacket ColorgreenType of CertificatecUBusAmount stranding1Stranding (type 2)1Stranding (type 2)2 wires twistedAble shielding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (coverage)80 %BandingFilecceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 \ ^CCable weight77 g/mMaterial jacketPURFreedom from ingredients (jacket)6.6 mm  | Mounting method                          | inserted, screwed, Shaking protection  |
| 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.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     StoOW style jacket     Hybrid, Signal, Data       Cable identification     802     Jacket Color     green       Type of Certificate     cURus     Amount stranding     1       Stranding     1     Stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted     Cable shielding (type)       Cable shielding (type)     coper braid, tinned     Cable shielding (coverage)     80 %       Banding     Fileece     Filler     yes     Traverage ment     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C     Cable weigth     77 g/m       Material jacket     PUR   | Environmental characteristics   Climatic |  |
| Additional condition temperature range     depending on cable quality       Important installation notes     Mote 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.       Installation   Cable     StoOW style jacket     Hybrid, Signal, Data       Cable identification     802     Jacket Color     green       Type of Certificate     cURus     CURus     Curves twisted       Amount stranding     1     Stranding     2 wires twisted       Amount stranding (type 2)     1     Stranding combination with 3 Filler twisted     Cable shielding (type)       Cable shielding (type)     60 %     Stranding     Fileece       Filler     yes     wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C     Cable weight     77 g/m       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free     Cuter-diameter (jacket)     6,6 mm  | 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.       Installation   Cable     Stoow style jacket       StoOW style jacket     Hybrid, Signal, Data       Cable identification     802       Jacket Color     green       Type of Certificate     cURus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     4 wires with Stranding combination with 3 Filler twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Fleece       Filler     yes       wire arrangement     (gray, pink), blue, white, brown, black       Traversing distance (C-track)     10 m @ 25 °C       Cable weight     77 g/m       Material jacket     PUR       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free       Outer-diameter (jacket)     6.6 mm   | Operating temperature max.               | 85 °C  |
| Note 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<br>endangered by excessive bending forces.Installation   CableSTOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecUBusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (coverage)80 %BandingFileeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)0 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Additional condition temperature range   | depending on cable quality   |
| Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be<br>endangered by excessive bending forces.Installation   CableSTOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type 2)60 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Important installation notes             |  |
| Note on behaling radiusendangered by excessive bending forces.Installation   CableSTOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type 2)60 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | Note on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |
| STOOW style jacketHybrid, Signal, DataCable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | 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. |
| Cable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | Installation   Cable                     |  |
| Cable identification802Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | STOOW style jacket                       | Hybrid, Signal, Data   |
| Type of CertificatecURusAmount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | Cable identification                     | 802  |
| Amount stranding1Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | Jacket Color                             | green  |
| Stranding2 wires twistedAmount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Type of Certificate                      | cURus  |
| Amount stranding (type 2)1Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Amount stranding                         | 1  |
| Stranding (type 2)4 wires with Stranding combination with 3 Filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Stranding                                | 2 wires twisted  |
| Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Amount stranding (type 2)                | 1  |
| Cable shielding (coverage)80 %BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Stranding (type 2)                       | 4 wires with Stranding combination with 3 Filler twisted   |
| BandingFleeceFilleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Cable shielding (type)                   | copper braid, tinned   |
| Filleryeswire arrangement(gray, pink), blue, white, brown, blackTraversing distance (C-track)10 m @ 25 °CCable weigth77 g/mMaterial jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm  | Cable shielding (coverage)               | 80 %   |
| wire arrangement   (gray, pink), blue, white, brown, black     Traversing distance (C-track)   10 m @ 25 °C     Cable weigth   77 g/m     Material jacket   PUR     Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free     Outer-diameter (jacket)   6,6 mm  | Banding                                  | Fleece   |
| Traversing distance (C-track)   10 m @ 25 °C     Cable weigth   77 g/m     Material jacket   PUR     Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free     Outer-diameter (jacket)   6,6 mm   | Filler                                   | yes  |
| Cable weigth 77 g/m   Material jacket PUR   Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free   Outer-diameter (jacket) 6,6 mm  | wire arrangement                         | (gray, pink), blue, white, brown, black  |
| Material jacketPURFreedom from ingredients (jacket)lead-free, CFC-free, halogen-freeOuter-diameter (jacket)6,6 mm   | Traversing distance (C-track)            | 10 m @ 25 °C   |
| Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free   Outer-diameter (jacket) 6,6 mm  | Cable weigth                             |  |
| Outer-diameter (jacket) 6,6 mm  | Material jacket                          | PUR  |
|   | Freedom from ingredients (jacket)        | lead-free, CFC-free, halogen-free  |
| Tolerance outer diameter (sheath) ± 5 %   | Outer-diameter (jacket)                  |  |
|   | Tolerance outer diameter (sheath)        | ±5%  |

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| Material wire insulation                          | PP   |
|---|--|
| Amount wires                                      | 4  |
| Outer diameter insulation                         | 1,4 mm   |
| Outer diameter tolerance core insulation          | ±5%  |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 64   |
| Diameter of single wires                          | 0,1 mm   |
| Conductor crosssection (wire)                     | 0,5 mm <sup>2</sup>  |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6   |
| Material wire insulation (Data)                   | PP   |
| Outer diameter wire insulation (Data)             | 1,1 mm   |
| Tolerance outer diameter wire insulation (data)   | ±5%  |
| Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount wires (Data)                               | 2  |
| Amount strands wire (Data)                        | 32   |
| Diameter of single wires (Data)                   | 0,1 mm   |
| Conductor crosssection wire (Data)                | 0,25 mm <sup>2</sup>   |
| Material conductor wire (Data)                    | Stranded copper wire, bare                                     |
| Wire conductor type (Data)                        | strand class 6   |
| Loop resistance                                   | 2000 MΩ × km   |
| Nominal voltage AC max.                           | 300 V  |
| Current load capacity (standard)                  | to DIN VDE 0298-4  |
| Current load capacity min. wire                   | 6,3 A  |
| Current load capacity min. Wire (Data)            | 3,2 A  |
| Electrical resistance line constant wire          | 39 Ω/km @ 20 °C  |
| Electrical resistance coating wire (Data)         | 79 Ω/km @ 20 °C  |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s  |
| Electric inductivity line constant                | 0,65 mH/km   |
| Electrical capacity line constant (wire - wire)   | 63000 pF/km  |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s  |
| AC withstand voltage (wire - shield)              | 1,2 kV @ 60 s  |
| Min. operating temperature (static)               | -50 °C   |
| Max. operating temperature (fixed)                | 9° 00  |
| Operating temperature min. (dynamic)              | -30 °C   |
| Operating temperature max. (dynamic)              | 70 °C  |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090            |
| chemical resistance                               | Good, application-related testing                              |
| Gasoline resistance                               | Good, application-related testing                              |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (fixed)                            | 5 x Outer diameter   |
| Bending radius (dynamic)                          | 10 x Outer diameter  |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C   |
| Torsion stress                                    | ± 180 °/m  |

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