

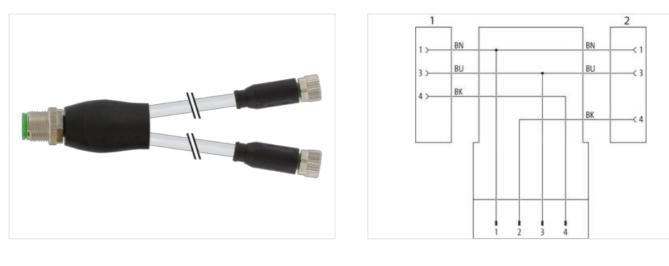
## Y-Distributor M12 male / M8 female 0° A-cod.

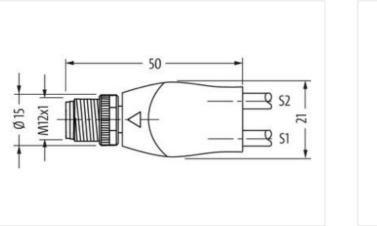
PUR 3x0.34 gy UL/CSA+drag ch. 2m

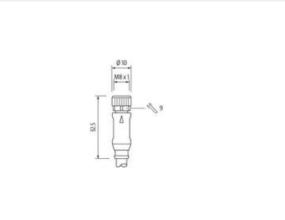
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

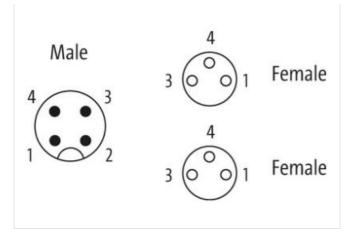






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18 Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl





Product may differ from Image



| Och la la salla                                      |                   |
|--|-------------------|
| Cable length   | 2 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 $\emptyset$ ) | 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                                    | 0,4 Nm            |
| Mounting method                                      | inserted, screwed |
| Coating contact                                      | gold plated       |
| Family construction form                             | M8                |
| Thread   | M8 x 1            |
| suitable for corrugated tube (internal $\emptyset$ ) | 6,5 mm            |
| Coding   | A                 |
| Material contact                                     | Copper alloy      |
| Material   | PUR               |
| No. of poles   | 3                 |
| Width across flats                                   | SW9               |
| Degree of protection (EN IEC 60529)                  | IP65, IP66K, IP67 |
| Side 3   |                   |
| Mounting method                                      | inserted, screwed |
| Family construction form                             | M8                |
| Coding   | A                 |
| No. of poles   | 3                 |

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| CLASS-7.0         27279218           CLASS-8.0         27279218           CLASS-8.0         27290313           CLASS-10.1         27060313           CLASS-11         27060313           CLASS-11         27060313           CLASS-11         27060313           CLASS-12.0         27060313           CLASS-12.0         27060313           CLASS-12.0         27060313           Statement Staff Anabel         27060313           St  | Commercial data                          |  |
|--|--|--|
| CLASS-6.0         27279218           CLASS-6.0         27060311           CLASS-10.1         27060313           CLASS-11.1         27060313           CLASS-10.0         27060313           Lassentime Las   | ECLASS-6.0                               | 27279218   |
| CLASS 0.0         27060311           CLASS 1.0.1         27060313           CLASS 1.1.1         27060313           CLASS 1.2.0         27060313           Deparating voltage CQ (LL-Isited)         30 V           Urrent operating per contact max.         4 A           Diagnostics         1           Latsin indication LED         no           Device protection   Electrical         inistend, screwed           dilution Degree         1.5 KV           Laterial gasket         JSk V           Laterial gasket         Zinc  | ECLASS-7.0                               | 27279218   |
| CLASS-10.1         27060313           CLASS-1.1.         27060313           CLASS-12.0         27060313           TM-5.0         EC001855           Database turff number         85444280           TTN         404897515420           TRASD         50 V           perafing voltage AC max.         50 V           perafing voltage AC max.         60 V           perafing voltage AC (UL-listed)         30 V           perafing voltage CUL-listed)         30 V           perafing voltage CUL-listed)         30 V           urrent operating voltage CUL-listed)         30 V           urrent operating voltage CUL-listed)         30 V           urrent operating voltage AC (UL-listed)         3           dilution Digree         3           at dis urg voltage         1.5 k/V           taterial group (IEC 60664-1)         1  | ECLASS-8.0                               | 27279218   |
| CLASS-11.1         27060313           CLASS-12.0         27060313           TMS-5.0         ECON855           ustoms tariff number         85444200           ackaging unit         1           Electrical data [Supply            perating voltage AC max.         50 V           perating voltage AC max.         60 V           perating voltage AC (UL-listed)         30 V           urrent operating voltage DC (UL-listed)         30 V           dollonto Degree         3           alled surge voltage         1,5 kV           tatus indication LED         no           Device protection   Electrical            doltion Degree         3           alled surge voltage         1,5 kV           taterial guset N         FKM           <  | ECLASS-9.0                               | 27060311   |
| CLASS-12.0         27060313           TINA-5.0         EC001855           USIND fairfil number         8544290           VITIN         4048979154420           achaging unit         1           Electrical data   Supply         50 V           perating voltage AC max.         50 V           perating voltage DC max.         60 V           perating voltage DC (LL-listed)         30 V           aturent operating voltage CC (LL-listed)         30 V           perating voltage DC (LL-listed)         30 V           aturent operating voltage CC (LL-listed)         30 V           aturent operating temporating te  | ECLASS-10.1                              | 27060313   |
| TIM-5.0     EC001855       ustoms tariff number     B5444290       TIN     404879154420       askaging unit     1       Electrical data [Suppi)     Important (Contemportant (Contemortant (Contemportant (Content (Contemportant (Contemportant (Cont   | ECLASS-11.1                              | 27060313   |
| usioms tariff number 8544290<br>TTN 4048679154420<br>rackaging unit 1<br>Electrical data   Supply<br>biperating voltage AC max: 50 V<br>operating voltage AC (UL-listed) 30 V<br>perating voltage AC (UL-listed) 30 V<br>turrent operating per contact max. 4 A<br>Diagnostics<br>tatus indication LED no<br>Dove perotection [Electrical<br>diditional condition protection degree inserted, screwed<br>ollution Degree 3<br>ada surge voltage 1,5 kV<br>taterial group (IEC 60684-1) 1<br>Mechanical data   Material data<br>distrial group (IEC 60684-1) 2<br>Mechanical data   Material data<br>distrial group (IEC 60684-1) 4<br>Mechanical data   Material data<br>Mechanical data   Material data<br>distrial group (IEC 60684-1) 5<br>Mechanical data   Material data<br>distrial group (IEC 60684-1) 5<br>Mechanical data   Material data<br>distrial group (IEC 60684-1) 1<br>Mechanical data   Material data<br>Mechanical data   Mounting data<br>Environmental characteristics   Climatic<br>Environmental characteristics   Climatic<br>Environmental characteristics   Climatic<br>Distribut Distribut Distribu | ECLASS-12.0                              | 27060313   |
| TIIN     4048879154420       ackaging unit     1       Electrical data   Supply     50 V       sperafing voltage AC max.     60 V       sperafing voltage AC (UL-listed)     30 V       sperafing voltage AC (UL-listed)     30 V       sperafing voltage AC (UL-listed)     30 V       urrent operafing voltage AC (UL-listed)     30 V       urrent operafing voltage AC (UL-listed)     30 V       urrent operafing voltage AC (UL-listed)     30 V       Diagnostics     V       tatus indication LED     no       Device protection   Electrical     ditional condition protection degree       ditional condition protection degree     3       stated surge voltage     1,5 kV       taterial grace (EC 60664-1)     1       Mechanical data   Material data     Journal (Lister)       acting locking     Nickeled       faterial gracet     FKM       ocking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Journal       parafing locking material     Zinc die-casting       Mechanical data   Mounting data     Journal       parafing temperature max.     85 °C       diftional condition temperature range     depending on cable quality <tr< td=""><td>ETIM-5.0</td><td>EC001855</td></tr<>   | ETIM-5.0                                 | EC001855   |
| ackaging unit       1         Electrical data   Supply       50 V         operating voltage AC max.       60 V         opprating voltage AC (UL-listed)       30 V         operating voltage DC (UL-listed)       30 V         doltion Degree       3         atas indication Voltage DC (UL-listed)       30 V         tate arg voltage Otage       1.5 kV         tate arg voltage Otage       1.5 kV         taterial group (IEC 60664-1)       1         ta  | customs tariff number                    | 85444290   |
| Electrical data   Supply         50 V           operating voltage AC max.         50 V           operating voltage DC max.         60 V           operating voltage DC (UL-listed)         30 V           operating voltage DC (IL-listed)         4 A           Dedice protection I Electrical         instred, screwed           olution Degree         3           atad surge voltage         1, S kV           taterial group (IEC 60664-1)         I           Mechanical data   Material data         FKM           loading locking         Nickeled           taterial gasket         FKM           louting method         inserted, screwed, Shaking protection           Environmetal characteristics   Climatic         -25 °C           operating temperature max.         85 °C           operating temperature max.         85 °C           o   | GTIN                                     | 4048879154420  |
| apperating voltage AC max.         50 V           apperating voltage DC max.         60 V           apperating voltage AC (UL-listed)         30 V           apperating voltage AC (UL-listed)         30 V           aurent operating per contact max.         4 A           Diagnostics         Total Contact max.           tatus indication LED         no           Device protection [Electrical         Total Contact max.           dditional condition protection degree         iserted, screwed           ollution Degree         3           atate surge voltage         1,5 kV           taterial group (IEC 60664-1)         I           Mechanical data   Material data         FKM           coating locking         Nickeled           taterial grasket         FKM           coating locking material         Zinc die-casting           Mechanical data   Mounting data         For Comparison           folgending on cable quality         -25 °C           paperating temperature min.         -25 °C           or Condition temperature max.         65 °C           dditional condition temperature max.         65 °C           dditional condition temperature max.         65 °C           dditional condition temperature max.         65 °C   | Packaging unit                           | 1  |
| perating voltage DC max.       60 V         perating voltage AC (UL-listed)       30 V         uprent operating por contact max.       4 A         Diagnostics       no         Education LED       no         Device protection   Electrical       dditional condition protection degree         dditional condition protection degree       1,5 kV         tates surge voltage       1,5 kV         tates large voltage       1,5 kV         taterial group (IEC 60664-1)       1         Mechanical data   Material data       20 cold         costing material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         founting method       inserted, screwed, Shaking protection         Environmental Characteristics   Climatic       Jinc die-casting         Mechanical data   Mounting data       25 °C         founting method       inserted, screwed, Shaking protection         Environmental Characteristics   Climatic       25 °C         ditoinal condition temperature min.       -25 °C         operating temperature min.       -25 °C         oction ditoin temperature range       depending on cable quality         Important installation notes       depending on cable reurilissible bending radi when laying cables, as the IP  | Electrical data   Supply                 |  |
| perating voltage AC (UL-listed)         30 V           operating voltage DC (UL-listed)         30 V           perating voltage DC (UL-listed)         30 V           biagnostics         4 A           Diagnostics         inserted, screwed           doitional condition protection degree         inserted, screwed           oolution Degree         3           atated surge voltage         1,5 kV           taterail group (IEC 60664-1)         1           Mechanical data   Material data         Joing locking           ooking in protection         FKM           ooking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           operating temperature min.         -25 °C           operating negreature min.         -25 °C           operating temperature map         depending on cable quality           important installation notes         -25 °C           tote 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 ending radia.           tote on bending radius         Attention: Observe the permissib  | Operating voltage AC max.                | 50 V   |
| perating voltage DC (UL-listed)       30 V         urrent operating per contact max.       4 A         Diagnostics       no         Device protection   Electrical       dditional condition protection degree         dilution Degree       3         clated surge voltage       1,5 kV         taterial group (IEC 60664-1)       1         Mechanical data   Material data       Model         sociality optimized       FKM         ociality optimized       Sin (Keled)         taterial gasket       FKM         ociality method       inserted, screwed, Shaking protection         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Mechanical data   Mounting data       25 °C         operating temperature min.       -25 °C         operating temperature range       depending on cable quality         important installation notes       Motertion: 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), DIN EN 61076-2-114 (M8)   | Operating voltage DC max.                | 60 V   |
| aurrent operating per contact max.       4 Å         Diagnostics       no         tatus indication LED       no         Device protection   Electrical       inserted, screwed         dollution Degree       3         atade surge voltage       1,5 kV         faterial group (IEC 60664-1)       1         Mechanical data   Material data       Mickeled         faterial group (IEC 60664-1)       1         Mechanical data   Material data       Tinc die-casting         Mechanical data   Material data       Zinc die-casting         Mechanical data   Mounting data       Tinc die-casting         Mechanical data   Mounting data       Sinc die-casting         Mechanical data   Mounting data       Environmental characteristics   Climatic         Environmental characteristics   Climatic       -25 °C         operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         mportant installation notes       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Totket 10 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   | Operating voltage AC (UL-listed)         | 30 V   |
| Diagnostics         no           tatus indication LED         no           Device protection   Electrical         inserted, screwed           dilitional condition protection degree         inserted, screwed           ollution Degree         3           atated surge voltage         1,5 kV           taterial group (IEC 60664-1)         I           Mechanical data   Material data         isolated Surge voltage           oating locking         Nickeled           faterial gasket         FKM           ocking material         Zinc die-casting           Mechanical data   Mounting data         isserted, screwed, Shaking protection           Environmental characteristics   Climatic         perating temperature min.           -25 °C         Signostics           opperating temperature max.         85 °C           doltional condition network range         depending on cable quality           Important Installation notes         Incentectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Total total 76-2-101 (M12), DIN EN 61076-2-114 (M8)   | Operating voltage DC (UL-listed)         | 30 V   |
| tatus indication LED         no           Device protection   Electrical         inserted, screwed           dditional condition protection degree         inserted, screwed           olution Degree         3           tated surge voltage         1,5 kV           taterial group (IEC 60664-1)         I           Mechanical data   Material data  | Current operating per contact max.       | 4 A  |
| Device protection   Electrical           dditional condition protection degree         inserted, screwed           ollution Degree         3           tated surge voltage         1,5 kV           taterial group (IEC 60664-1)         1           Mechanical data   Material data   | Diagnostics                              |  |
| dditional condition protection degree     inserted, screwed       ollution Degree     3       lated surge voltage     1,5 kV       Itaterial group (IEC 60664-1)     I       Mechanical data   Material data     I       laterial group (IEC 60664-1)     I       Mechanical data   Material data     I       laterial gasket     FKM       ooking material     Zinc die-casting       Mechanical data   Mounting data     I       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Methanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Portanting temperature min.       -25 °C     O       operating temperature min.     -25 °C       operating temperature max.     85 °C       dditional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       lote on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     IN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  | Status indication LED                    | no   |
| ollution Degree       3         tated surge voltage       1,5 kV         taterial group (IEC 60664-1)       1         Mechanical data   Material data       Image: Constraint of Constrationt of Constraint of Constraint of Constraint of Constraint of   | Device protection   Electrical           |  |
| tated surge voltage       1,5 kV         taterial group (IEC 60664-1)       I         Mechanical data   Material data       Mechanical data         tooting locking       Nickeled         taterial gasket       FKM         ooking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         -25 °C       Operating temperature max.         485 °C       Operating temperature max.         400 endition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Troduct standard         Investigation   Cable       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  | Additional condition protection degree   | inserted, screwed  |
| Interial group (IEC 60664-1)       I         Mechanical data   Material data       Nickeled         Idaterial gasket       FKM         ooking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Troduct standard         Installation   Cable       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   | Pollution Degree                         | 3  |
| Mechanical data   Material data         Nickeled           isoating locking         Nickeled           Itaterial gasket         FKM           oocking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating temperature min.         -25 °C           odditional condition temperature range         depending on cable quality           Important installation notes         -25 °C           Iote on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Iote 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   | Rated surge voltage                      | 1,5 kV   |
| botating locking         Nickeled           Itaterial gasket         FKM           ocking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         -25 °C           Operating temperature max.         85 °C           dditional condition temperature range         depending on cable quality           Important installation notes         -25 °C           folde on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           folde 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  | Material group (IEC 60664-1)             |  |
| Itaterial gasket       FKM         ocking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Idditional condition temperature range       depending on cable quality         Important installation notes   | Mechanical data   Material data          |  |
| ocking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         founting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity         roduct standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable   | Coating locking                          | Nickeled   |
| Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Apperating temperature min.         -25 °C           Apperating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes            Iote 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           roduct standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   | Material gasket                          | FKM  |
| Inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         lote 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       IN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable   | Locking material                         | Zinc die-casting   |
| Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         Iote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Iote 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       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  | Mechanical data   Mounting data          |  |
| operating temperature min.       -25 °C         operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Installation notes         lote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         lote 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  | Mounting method                          | inserted, screwed, Shaking protection  |
| Operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         lote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         lote 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  | Environmental characteristics   Climatic |  |
| Operating temperature max.       85 °C         dditional condition temperature range       depending on cable quality         Important installation notes       Important installation notes         lote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         lote 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       Intention: Observe the permissible bending forces.         Iroduct standard       DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)         Installation   Cable       Cable  | Operating temperature min.               | -25 °C   |
| Important installation notes         Iote on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Iote 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   | Operating temperature max.               | 85 °C  |
| Installation   Cable       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       UN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   | Additional condition temperature range   | depending on cable quality   |
| Installation   Cable       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       UN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   | Important installation notes             |  |
| Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity         Installation   Cable   |  | 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), DIN EN 61076-2-114 (M8) Installation   Cable   | Note on bending radius                   | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Installation   Cable         Cable   |  | פוועמוועפופע שע פגנפגאועט שנוועוווע וטונפג.  |
| Installation   Cable   |  | DIN EN 61076-2-101 (M12) DIN EN 61076-2-114 (M8)   |
|  |  |  |
|  |  | 000  |
|  | Cable identification                     |  |
|  | Cable Type<br>Jacket Color               |  |
|  |  |  |
|  | Type of Certificate Amount stranding     |  |
|  | Stranding                                |  |
|  | wire arrangement                         |  |
| able weigth 29,7 g/m   | Cable weigth                             | 29.7 g/m   |
|  |  |  |

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

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



| 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  |

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

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