

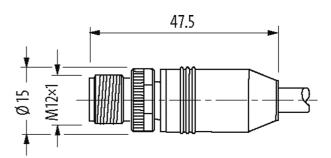
## M12 MALE,0° SHIELDED, D CODED, ETHERNET

PUR 2x2xAWG22 shielded gn UL/CSA 16m

Ethernet CAT5 Male straight M12, 4-pole D-coded shielded Further cable lengths 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. Transmission properties with channel transmission up to 100 m

## Illustration





## Product may differ from Image

| Approvals         |   |  |  |
|-------------------|---|--|--|
| cut us<br>Listed  | * only for products with UL/CSA approved cable cCSAus |  |  |
| More Info         |   |  |  |
| EtherNet/IP       |   |  |  |
| Form              |   |  |  |
| Form              | 14541   |  |  |
| Cables            |   |  |  |
| No./diameter of w | rires 2× 2× AWG22/7 (0.355)                           |  |  |
| Wire isolation    | PE (wh, ye, bl, or)                                   |  |  |
| Jacket Color      | green   |  |  |
| Material (jacket) | PUR (UL/CSA)  |  |  |
| Outer Ø           | 6.7 mm ±5%  |  |  |
| Bend radius (mov  | ving) 12× outer Ø                                     |  |  |
| Temperature rang  | ge (fixed) -40+80 °C                                  |  |  |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 10/20



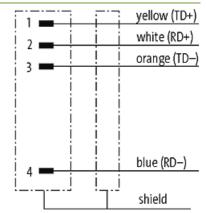
stay connected

| Temperature range (mobile)      30, -70 ° C        Cable dentification      74        Approval (cable)      UL (AVM Skyle 2023010678), CSA; CE        Cable variaght (pm)      75, 87        Mathefal (wine)      Cu win, bare        Resistor (core)      max 55 DAN (20 °C)        Construction (core)      7.6 0.244 mn        Disander (core)      2.x 2x AWG227 (0.355)        AVK      sinitar to AWG22        Mathefal (wine iolation)      PE        Vire-On iolation      1.55 mm 35%        Calocrumbering of wires      wh, ye. 8, or        Sinited      yes        Calocrumbering of wires      wh, ye. 8, or        Sinited      yes        Calocrumbering of wires      good resistance to all gasoline and chemicals        Mathefal (jacket)      PUH        Cubre & (jacket)      6.7 mm 35%        Mathefal (jacket)      good resistance to all gasoline and chemicals        Mathefal (jacket)      900 °C        Temperature range (tacket)      6.7 mm 35%        Mathefal (jacket)      90.0 °C        Temperature range (tacket)      8.0 °C        Temperature range (tacket) <td< th=""><th></th><th>stay connected</th></td<>               |  | stay connected                                 |
|---|--|--|
| Approval (cable)      UL (ANMA-Sqbe 2023310576), CSA: CE        Cable weight lg/ml      75,87        Resistor (cove)      max. 55 0 Xm (20 °C)        Construction (core)      7 × 0.254 mm        Diamletri (cove)      2 × 2 × AMS227 (0.355)        AWG      smillarts AWG 22        Material (vire isolation)      PE        Wire O Incl. isolation      1.55 mm 12%.        Colon-trubering of wrize      wh yo, U, or        Shield      yes        Material (vire isolation)      PE        Wire O Incl. isolation      1.55 mm 12%.        Colon-trubering of wrize      wh yo, U, or        Shield      yes        Material (vire isolation)      PUR        Color (lipicket)      green        Internal resistance      finam retaiduant        Normial voltagio      300 V        Temperature range (Incoli)      40,-70 ° C        Bend radius (invorg)      6 × outer O        Bend radius (invorg)      1.2 × outer O        Temperature range (Incoli)      30,-70 ° C        Bend radius (invorg)      1.2 × outer O        Temperature range (Incoli)      40,-70 ° C <t< td=""><td>Temperature range (mobile)</td><td>-30+70 °C</td></t<>             | Temperature range (mobile)                           | -30+70 °C                                      |
| Cable weight [gm]  75,87    Material (wire)  Cu wire, bare    Bestator (core)  max, 55 Sum (20 °C)    Construction (coru)  7 + 0.284 mm    Diameter (cone)  2 × 2 × AWG227 (0.355)    AWG  einfalt cA WA 22    Material (wire isolation)  PE    Yire 30 ncl, isolation  1.55 mm 15%.    Coloruntberging dwines  wir, ye, b, or    Shield  yes    min. 55%.  min. 55%.    Material (jacket)  PUR    Outer -0 (jacket)  6.7 mm 15%.    Color (jacket)  6.7 mm 15%.    Material (jacket)  PUR    Outer -0 (jacket)  6.7 mm 15%.    Material (jacket)  9000 residence to oil, gasoline and chemicatis    themail resistance  fame retardant    Nominal voltage  300 V    Temperature range (mobile)  -3070 °G    Bend radius (moving)  1.2 voltor Ø    Technical Data  -50 × C    Operating voltage (onty UL lated)  max. 80 V DC    Operating voltage (onty UL lated)  max. 80 V DC    Operating voltage (onty UL lated)  max. 4 A    Material group  EC 50864-1, category I    Transfer rate  CATS, Class DI (SOCE (1180:2002), (EK 50173-1)    Transfer rate   | Cable identification                                 |  |
| Material (wing)  Cu wire, bare    Resistric (orie)  max. 55 DAm (20 °C)    Construction (orion)  7 - 0.254 mm    Diameter (core)  2 - 2 - AWG227 (0.355)    AWG  similar to AWG 22    Material (wire loadedon)  PE    Wire 3 Oral, isotation  1.55 mm ±5%    Colorthutchring of wires  win, ye, tr, or    Shield  yes    min, 85%  min, 85%    Material (wire loadedon)  PUR    Cuter-0 (gabeth)  6.7 mm ±5%    Color (gabeth)  green    Color (gabeth)  green    Chemical resistance  geod resistance to oil gasofine and chemicals    Unimal resistance  geod resistance to oil gasofine and chemicals    Unimal resistance  geod resistance to oil gasofine and chemicals    Unimal resistance  geod resistance    Bane radius (fload)  -40, -60 °C    Temperature range (floabile)  -30, -70 °C    Been radius (fload)  6.2 cuter Ø    Color (gibt)  max. 40 V DC    Catact stage conduct  max. 40 X    Material group  EC 60684-1, category 1    Tran  |  |  |
| Resider (core)    max. 55 DAm (20 *C)      Construction (core)    7 + 0.254 mm      Diamoter (core)    2 + 2 + AWG227 (0.350)      AWG    similar to AWG 22      Material (wire isolation)    PE      Wire-Olind, Lisolation    1.55 mm 5%.      Coloritmubering of wires    wh. ye, bl. or      Shield    yes      min. 65%    min. 65%.      Material (wire isolation)    PE      Under S0 (acket)    0.7 mm 5%.      Color (acket)    0.9 OT      Temperature ange (tore)    4040 *C      Temperature ange (tore)    4040 *C      Temperature ange (mobile)    4040 *C      Temperature ange (mobile)    4040 *C      Operating voltage    max. 40 V DC      Operating voltage    max.41 / <t< td=""><td></td><td></td></t<>   |  |  |
| Construction (core)      7+ 0.254 mm        Diameter (core)      2+ 2+ AVG22/7 (0.355)        MMC      similar to AVG 22        Material (wire isolation)      PE        Wire-Ond isolation      1.55 nm 45%        Colorhumbering of Wies      why, e), or        Shield      yes        min. 85%      min. 85%        Material (jacket)      PUR        Cubre & (jacket)      of 7 mm 15%        Color (jacket)      green        hernical resistance      good resistance to all, gasoline and chemicals        mergerature range (kad)      4-0480 °C        Temperature range (kad)      4-0480 °C        Temperature range (kad)      3-070 °C        Bend radius (nod)      6+ outer Ø        Bend radius (hod)      6+ outer Ø        Bend radius (hod)      max, 64 V DC        Operating voltage      max, 64 V DC        Operating voltage      max, 64 V DC        Operating voltage (unyl UL listed)      max, 64 V DC        Operating voltage (unyl UL listed)      max, 64 V DC        Operating voltage (unyl UL listed)      max, 64 V DC        Operating voltage (unyl UL listed)   |  |  |
| Diameter (core)      2- 2 - AVXC227 (0.385)        AVXC      similar to AVXG 22        Material (vire isolation)      PE        Wire Olinct. isolation      1.55 mm 15%        Calorinumbering of wires      wh, ye, bl, or        Shield      yes        min. 85%      min. 85%        Material (jacket)      PUR        Color (jacket)      6.7 m 45%        Color (jacket)      good resistance to oil, gasoline and chemicals        memal resistance      ffame retardant!        Nominal voltage      300 V        Temperature range (mobile)      -60r07 °G        Bend radius (incol)      6 outer Ø        Bend radius (moving)      12 × outer Ø        Technical Data      Color (jacket)        Operating voltage (ont) UL listed)      max. 30 V DC        Rated surge voltage      15 KV        Operating voltage (ont) UL listed)      max. 4.4        Material (jacket)      PU 10 OMDING full duplox        Colorid optorts      Socew thread (Material time recommended torque 0.6 Nm, self-securing        Coperating voltage      15 KV        Operating voltage      15 KV        Operating volta  | Resistor (core)                                      | max. 55 <b>Ω</b> /km (20 °C)                   |
| AWG      similar to AWG 22        Material (vire isolation)      PE        Wire-3 Ind. Isolation      155 mm 55%        Colorhumbering of wires      wh, ye, bl, or        Shield      yes        Material (jacket)      PUR        Outer-6 (jackets)      6.7 mm 15%        Material (jacket)      6.7 mm 15%        Outer 6 (jackets)      6.7 mm 15%        Color (jacket)      green        chemical resistance      good resistance to oil, gasoline and chemicals        Iterrar resistance      liamo returdant        Normal voltage      300. V        Temperature range (fixed)      -40+80 °C        Temperature range (mobile)      -30>70 °C        Bend radius (fixed)      6 × outer Ø        Bend radius (fixed)      max. 60 V DC        Operating voltage      max. 60 V DC        Operating voltage (nity UL listed)      max. 30 V DC        Patient surface urap to rotact      max. 40 A        Material group      EC 60666-1, category 1   | Construction (core)                                  | 7× 0.254 mm                                    |
| Material (wire isolation)      PE        Wire Ond. Isolation      1.55 mm 15%        Colortmumbering of wires      wh, ye, bl, or        Shield      yes        min. 85%      min. 85%        Material (jacket)      PUR        Outer-0 (jacket)      6.7 mm 15%        Color (jacket)      green        chemical resistance      good resistance to oil gasoline and chemicals        thermal resistance      flame returdant        Nominal voltage      300 V        Temperature range (flokid)      40480 °C        Temperature range (flokid)      6.0 vC        Temperature range (flokid)      6.0 vDC        Temperature range (flokid)      6.0 vDC        Operating voltage      max. 60 V DC        Operating voltage      max. 60 V DC        Operating voltage      max. 4.0 vDC        Operating voltage      1.5 kV  | Diameter (core)                                      | 2×2×AWG22/7 (0.355)                            |
| Wire-Olncl.Isolation  1.55 mm ±5%    Color/mumbering of wires  wh, ye, bL or    Shield  yes    min.85%  Maberial (seated)    Duter-Ø (jacket)  PUR    Outer-Ø (jacket)  green    chemical resistance  good resistance to oli, gasoline and chemicals    thermal resistance  fame retardant    Nominal voltage  300 V    Temperature range (kasd)  40+80 °C    Temperature range (kasd)  40+80 °C    Temperature range (kasd)  6: outer Ø    Bend radius (fixed)  6: outer Ø    Bend radius (fixed)  6: outer Ø    Temperature range (kasd)  12: outer Ø    Temperature range (kasd)  12: outer Ø    Temperature range (kasd)  12: outer Ø    Temperature range (kasd)  max. 60 V DC    Operating voltage  max. 60 V DC    Operating voltage  max. 60 V DC    Operating voltage  15.KV    Operating outer per contact  max. 4.A    Material group  IEC 60664-1. category I    Transfer rata  up to 100 Motils full duplox    Coding  D-coded    Locking of ports  Gorew thmad (M12 × 1 mm) recommended torque 0.6 Nm, self-securing    Compression gland  M12 (SW13)   | AWG  | similar to AWG 22                              |
| Colorihumbering of wires      wh, ye, bl, or        Shield      yes        min, 85%      min, 85%        Material (jacket)      PUR        Color (jacket)      6.7 mm ±5%        Color (jacket)      6.7 mm ±5%        Color (jacket)      green        chemical resistance      gaod resistance to oli, gasoline and chemicals        Ihermal resistance      flame relardant        Nominal voltage      300 V        Temperature range (mobile)      40480 °C        Temperature range (mobile)      40480 °C        Bend radius (fixed)      6 = outer Ø        Technical Dist      U        Operating voltage      max. 60 V DC        Operating voltage      max. 4 A        Material group      IEC 60664-1, category 1        Transfer parameters      CA15, Class D (ISOICE 1180-2002), (EN 50173-1)        Transfer parameters      CA15, Class D (ISOICE 1180-2002), (EN 50173-1)        Transfer parameters      CA15, Class D (ISOICE 1180-2002), (EN 50173-1)        Transfer parameters      CA15, Class D (ISOICE 1180-2002), (EN 50173-1)        Transfer parameters      CA15, Class D (ISOICE 180-2002), (EN 50173-1)        Transfer pa             | Material (wire isolation)                            | PE   |
| Shield  yes    min. 85%    Material (jackel)  PUR    Outer-0 (jackel)  6.7 mm ±5%,    Color (jackel)  9reen    chemical resistance  good resistance to oil, gasoline and chemicals    Ithermal resistance  flame relatedant    Nominal voltage  300 V    Temperature range (ited)  -4080 °C    Temperature range (mobile)  -30+70 °C    Bendr radius (flood)  6 - outer Ø    Bendr radius (flood)  0 - outer Ø    Technical Data  | Wire-Ø incl. isolation                               | 1.55 mm ±5%                                    |
| min. 85%        Material (jacket)      PUR        Outer-0 (jacket)      6.7 mm ±5%        Color (jacket)      green        chemical resistance      good resistance to oil, gasoline and chemicals        Ihermal resistance      Itame retardant        Nominal voltage      300 V        Temperature range (fixed)      40,-80 ° C        Temperature range (fixed)      6 - outer Ø        Bend radius (fixed)      6 - outer Ø        Bend radius (moving)      12 × outer Ø <b>Technical bat O</b> perating voltage        Operating voltage (only UL listed)      max. 40 VDC        Operating voltage (only UL listed)      max. 4.4        Material group      IEC 60664-1, category I        Transfer parameters      CATS, Class D (ISO/IEC 118012002), (EN 50173-1)        Transfer rate      up to 100 Mits full duplex        Coding      D-coded        Locking ol ports      Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IP65, IP667 (IP67 Isoerted and sightened (EN 60529)        Locking material      DUN EN 61076-2-010 (M12)        Standards                 | Color/numbering of wires                             | wh, ye, bl, or                                 |
| Material (jacket)      PUR        Culer-G (jacket)      6.7 mm ±5%.        Color (jacket)      green        chemical resistance      good resistance to oil, gasoline and chemicals        thermal resistance      Bame retardant        Nominal voltage      300 V        Temperature range (mobile)      -40+60 °C        Temperature range (mobile)      -30+70 °C        Bend radius (fixed)      6 × outer Ø        Bend radius (fixed)      6 × outer Ø        Bend radius (fixed)      6 × outer Ø        Bend radius (fixed)      max. 60 VDC        Operating voltage      max. 60 VDC        Operating voltage (only UL listed)      max. 30 VDC        Rated surge voltage      1.5 ×V        Operating voltage (only UL listed)      max. 4 A        Material group      IEC 60664-1, category 1        Transfer parameters      CATS, Class D (ISO/IEC 11801 2002), (EN 50173-1)        Transfer rate      up to 100 Mbits full duplex        Coding      D-oded        Locking of ports      Screw thread (M12×1 mm) recommended bruge 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IP65                         | Shield   | yes  |
| Outer-20 (tacket)      6.7 mm ±5%.        Color (tacket)      green        chemical resistance      good resistance to oil, gasoline and chemicals        hemma resistance      flame retardant        Nominal voltage      300 V        Temperature range (text)      -40+80 °C        Temperature range (mobile)      -30+70 °C        Bend radius (fixed)      6.5 outer Ø        Bend radius (fixed)      5.5 outer Ø        Temperature range (noving)      12 × outer Ø        Technical Data      C        Operating voltage (only UL listed)      max. 60 V DC        Operating voltage (only UL listed)      max. 30 V DC        Rated surge voltage      1.5 kV        Operating current per contact      max. 4.A        Material group      EC 60664.1, category I        Transfer parameters      CATS, Class D (ISO/EC 118012002), (EN 50173.1)        Transfer rate      up to 100 Mbirs kill duplex        Coding      D-coded        Locking of ports      Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IPBS, IPB6K, IPB67 IPS67 Inserted and tightened (EN 60529) |  | min. 85%                                       |
| Color (jacket)    green      chemical resistance    good resistance to oil, gasoline and chemicals      thermal resistance    flame retardant      Nominal voltage    300 V      Temperature range (fixed)    40480 °C      Temperature range (mobile)    -30470 °C      Bend radius (fixed)    6 × ouler Ø      Bend radius (moving)    12 × outer Ø      Technical Data    Operating voltage      Operating voltage    max. 60 V DC      Operating voltage (only UL listed)    max. 30 V DC      Rated surge voltage    1.5 kV      Operating outrent per contact    max. 4 A      Material group    IEC 60684.1, category I      Transfer parameters    CAT5, Class D (ISO/IEC 118012002), (EN 50173-1)      Transfer rate    up to 100 Mbits full duplex      Coding    D-ocded      Locking of ports    Sorew thread (M12×1 mm) recommended forque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking of ports    Sorew thread (M12×1 mm) recommended forque 0.6 Nm, self-securing      General data    PUR      suitable for corrugated tube (int                     | Material (jacket)                                    | PUR  |
| chemical resistance      good resistance to oil, gasoline and chemicals        thermal resistance      flame retardant        Nominal voltage      300 V        Temperature range (fixed)      40480 °C        Temperature range (mobile)      -30+70 °C        Bend radius (fixed)      6× outer Ø        Bend radius (fixed)      6× outer Ø        Derating voltage      max. 60 V DC        Operating voltage (only UL listed)      max. 30 V DC        Rated surge voltage      1.5 kV        Operating voltage (only UL listed)      max. 4 A        Material group      IEC 60664-1, category I        Transfer rate      up to 100 Mbit's full duplex        Coding      D-coded        Locking of ports      Screw thread (M12+1 mm) recommended torque 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IP65, IP66K, IP67 inserted and tightened (EN 60529)        Locking material      Zinc die casting, matte nickel plated        Material      PUR        sutable for corrugated tube (internal Ø)      without        Compression gland      DIN EN 61076-2-101 (M12)        Pollution Degree      3               | Outer-Ø (jacket)                                     | 6.7 mm ±5%                                     |
| thermal resistance  flame retardant    Nominal voltage  300 V    Temperature range (fixed)  4040 °C    Temperature range (mobile)  -30+70 °C    Bend radius (fixed)  6 × outer Ø    Bend radius (fixed)  6 × outer Ø    Temperature range (nyptile)  12× outer Ø    Technical Data  0    Operating voltage (only UL listed)  max. 60 V DC    Operating voltage (only UL listed)  max. 60 V DC    Operating voltage (only UL listed)  max. 40 V DC    Rated surge voltage  1.5 kV    Operating runnet per contact  max. 4 A    Material group  IEC 60664-1, category I    Transfer parameters  CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)    Transfer rate  up to 100 Mbit/s full duplex    Coding  D-coded    Locking of ports  Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing    Compression gland  M12 (SW13)    Protection  IP65, IP66K, IP67 inserted and tightened (EN 60529)    Locking material  Zinc die casting, matte nickel plated    Material  PUR    suitable for corrugated tube (internal Ø)  without    Compression gland  PUR    suitable for corrugated tube (internal Ø)  without    Commercial                              | Color (jacket)                                       | green  |
| Nominal voltage300 VTemperature range (fixed)40480 °CTemperature range (mobile)-30470 °CBend radius (fixed)6× outer ØBend radius (moving)12× outer ØTechnical DataOperating voltage (only UL listed)max. 60 V DCOperating voltage (only UL listed)max. 30 V DCRated surge voltage (only UL listed)max. 30 V DCRated surge voltage (only UL listed)max. 4. AMaterial groupIEC 60664-1, category ITransfer parametersCAT5, Class D (ISO/EC 11801-2002), (EN 50173-1)Transfer rateup to 100 Mbitis kull duplexCodingDocadedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialSuitable for corrugated tube (internal Ø)witoutGeneral dataPolution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataCommercial dataEAN4048879497138eClass27061801   | chemical resistance                                  | good resistance to oil, gasoline and chemicals |
| Temperature range (fixed)    -40+80 °C      Temperature range (mobile)    -30+70 °C      Bend radius (fixed)    6- outer Ø      Bend radius (moving)    12- outer Ø      Technical Data    Operating voltage      Operating voltage    max. 60 V DC      Operating voltage    1.5 kV      Operating voltage    1.5 kV      Operating ourrent per contact    max. 4 A      Material group    IEC 60664-1, category 1      Transfer parameters    CATS, Class D (BOLEC 11801-2002), (EN 50173-1)      Transfer parameters    CATS, Class D (BOLEC 11801-2002), (EN 50173-1)      Transfer rate    up to 100 Mbits full duplex      Coding    D-coded      Locking of ports    Screw thread (M12+1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking material    PUR      suitable for corrugated tube (internal Ø)    without      General data    DIN EN 61076-2-101 (M12)      Phuluion Degree    3      Temperature range    -25+85 °C, depending on cable quality      Commeroial data    Commercial data   | thermal resistance                                   | flame retardant                                |
| Temperature range (mobile)    -30+70 °C      Bend radius (fixed)    6× outer Ø      Bend radius (moving)    12× outer Ø      Technical Data   | Nominal voltage                                      | 300 V  |
| Bend radius (fixed)    6× outer Ø      Bend radius (moving)    12× outer Ø      Technical Data       Operating voltage    max. 80 V DC      Operating voltage (only UL listed)    max. 30 V DC      Rated surge voltage    1.5 kV      Operating current per contact    max. 4 A      Material group    IEC 60664-1, category I      Transfer parameters    CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)      Transfer rate    up to 100 Mbit/s full duplex      Coding    D-coded      Locking of ports    Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking material    Zinc die casting, matte nickel plated      Material    PUR      suitable for corrugated tube (internal Ø)    without      General data    DIN EN 61076-2-101 (M12)      Ploution Degree    3      Temperature range    -25+85 *C, depending on cable quality      Commercial data    EA      Standards    DIN EN 61076-2-101 (M12)      Pollution Degree    3      Temperature range  | Temperature range (fixed)                            | -40+80 °C                                      |
| Bend radius (moving)    12× outer Ø      Technical Data      Operating voltage    max. 60 V DC      Operating voltage (only UL listed)    max. 30 V DC      Rated surge voltage    1.5 kV      Operating current per contact    max. 4 A      Material group    IEC 60664-1, category 1      Transfer parameters    CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)      Transfer rate    up to 100 Mbit/s full duplex      Coding    D-coded      Locking of ports    Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking material    Zinc die casting, matte nickel plated      Material    PUR      suitable for corrugated tube (internal Ø)    without      General data    DIN EN 61076-2-101 (M12)      Pollution Degree    3      Temperature range    -25+85 *C, depending on cable quality      Commercial data    Commercial data      Commercial data    EA      Commercial data    Commercial data      Commercial data    EA      Commercial data  | Temperature range (mobile)                           | -30+70 °C                                      |
| Technical DataOperating voltagemax. 60 V DCOperating voltage (only UL listed)max. 30 V DCRated surge voltage1.5 kVOperating current per contactmax. 4 AMaterial groupIEC 60664-1, category ITransfer parametersCAT5, Class D (ISOIEC 118012002), (EN 50173-1)Transfer rateup to 100 Mbit's full duplexCodingD-codedLocking of portsScrew thread (M12×1 nm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataEcountry of originDEcustoms tariff number85444290EANEAN4048879497138eClass27061801   | Bend radius (fixed)                                  | 6× outer Ø                                     |
| Operating voltagemax. 60 V DCOperating voltage (only UL listed)max. 30 V DCRated surge voltage1.5 kVOperating current per contactmax. 4 AMaterial groupIEC 60664-1, category ITransfer parametersCAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)Transfer rateup to 100 Mbi/s full duplexCodingD-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP6K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataSindardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  | Bend radius (moving)                                 | 12× outer Ø                                    |
| Operating voltagemax. 60 V DCOperating voltage (only UL listed)max. 30 V DCRated surge voltage1.5 kVOperating current per contactmax. 4 AMaterial groupIEC 60664.1, category ITransfer parametersCAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)Transfer rateup to 100 Mbi/s full duplexCodingD-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP6K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataSindardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  | Technical Data                                       |  |
| Operating voltage (only UL listed)    max.30 V DC      Rated surge voltage    1.5 kV      Operating current per contact    max. 4 A      Material group    IEC 60664-1, category I      Transfer parameters    CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)      Transfer rate    up to 100 Mbits full duplex      Coding    D-coded      Locking of ports    Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP67k, IP67 inserted and tightened (EN 60529)      Locking material    Zinc die casting, matte nickel plated      Material    PUR      suitable for corrugated tube (internal Ø)    without      General data    Standards      Pollution Degree    3      Temperature range    -25+85 °C, depending on cable quality      Commercial data    DE      customs tariff number    85444290      EAN    4048879497138      eClass    27061801  |  | may 60 V DC                                    |
| Rated surge voltage    1.5 kV      Operating current per contact    max. 4 A      Material group    IEC 60664-1, category I      Transfer parameters    CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)      Transfer rate    up to 100 Mbit/s full duplex      Coding    D-coded      Locking of ports    Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking material    Zinc die casting, matte nickel plated      Material    PUR      suitable for corrugated tube (internal Q)    without      General data    DIN EN 61076-2-101 (M12)      Pollution Degree    3      Temperature range    -25+85 °C, depending on cable quality      Commercial data    DE      customs tariff number    85444290      EAN    4048879497138      eClass    27061801   |  |  |
| Operating current per contact      max. 4 A        Material group      IEC 60664-1, category I        Transfer parameters      CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)        Transfer rate      up to 100 Mbit/s full duplex        Coding      D-coded        Locking of ports      Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing        Compression gland      M12 (SW13)        Protection      IP65, IP66K, IP67 inserted and tightened (EN 60529)        Locking material      Zinc die casting, matte nickel plated        Material      PUR        suitable for corrugated tube (internal Ø)      without        General data      DIN EN 61076-2-101 (M12)        Pollution Degree      3        Temperature range      -25+85 °C, depending on cable quality        Country of origin      DE        customs tariff number      85444290        EAN      4048879497138        eClass      27061801  |  |  |
| Material group    IEC 60664-1, category I      Transfer parameters    CAT5, Class D (ISO/IEC 11801/2002), (EN 50173-1)      Transfer rate    up to 100 Mbit/s full duplex      Coding    D-coded      Locking of ports    Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing      Compression gland    M12 (SW13)      Protection    IP65, IP66K, IP67 inserted and tightened (EN 60529)      Locking material    Zinc die casting, matte nickel plated      Material    PUR      suitable for corrugated tube (internal Ø)    without      General data    JIN EN 61076-2-101 (M12)      Pollution Degree    3      Temperature range    -25+85 °C, depending on cable quality      Commercial data    DE      country of origin    DE      customs tariff number    85444290      EAN    4048879497138      eClass    27061801  |  |  |
| Transfer parametersCAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)Transfer rateup to 100 Mbit/s full duplexCodingD-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   |  |  |
| Transfer rateup to 100 Mbit/s full duplexCodingD-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataJinc B1076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcustoms tariff number8544290EAN4048879497138eClass27061801   |  |  |
| CodingD-codedLocking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualitycountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  | · · · · · · · · · · · · · · · · · · ·                |  |
| Locking of portsScrew thread (M12×1 mm) recommended torque 0.6 Nm, self-securingCompression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  |  |  |
| Compression glandM12 (SW13)ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial dataDEcountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  |  |  |
| ProtectionIP65, IP66K, IP67 inserted and tightened (EN 60529)Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   |  |  |
| Locking materialZinc die casting, matte nickel platedMaterialPURsuitable for corrugated tube (internal Ø)withoutGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   |  |  |
| Material  PUR    suitable for corrugated tube (internal Ø)  without    General data    Standards  DIN EN 61076-2-101 (M12)    Pollution Degree  3    Temperature range  -25+85 °C, depending on cable quality    Commercial data    country of origin  DE    customs tariff number  85444290    EAN  4048879497138    eClass  27061801  |  |  |
| suitable for corrugated tube (internal Ø)withoutGeneral dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   | Locking material                                     | Zine die casting, matte nickel plated          |
| General dataStandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   | Material   | PUR  |
| StandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   | suitable for corrugated tube (internal $\emptyset$ ) | without  |
| StandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   | General data   |  |
| Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801  | Standards  | DIN EN 61076-2-101 (M12)                       |
| Temperature range-25+85 °C, depending on cable qualityCommercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   |  |  |
| Commercial datacountry of originDEcustoms tariff number85444290EAN4048879497138eClass27061801   |  |  |
| country of origin      DE        customs tariff number      8544290        EAN      4048879497138        eClass      27061801   |  |  |
| customs tariff number      85444290        EAN      4048879497138        eClass      27061801   |  |  |
| EAN      4048879497138        eClass      27061801  |  | DE   |
| eClass 27061801   | customs tariff number                                | 85444290                                       |
|   | EAN  | 4048879497138                                  |
| Packaging unit 1  | eClass   | 27061801                                       |
|   | Packaging unit                                       | 1  |
| Sketch  | Sketch   |  |

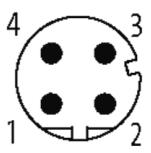
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