

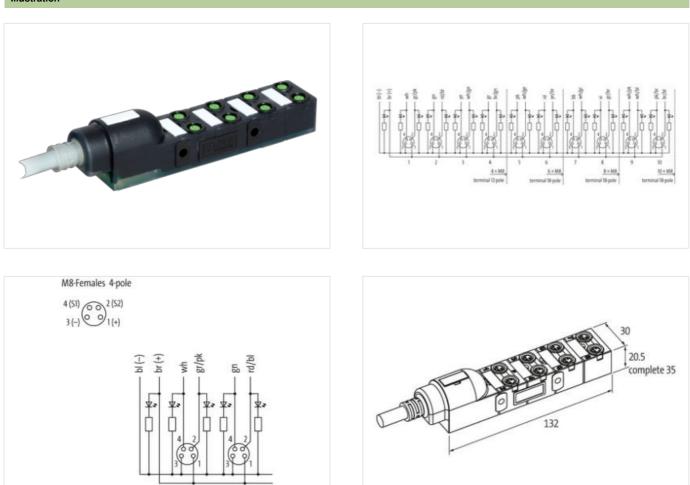
## EXACT8, 8XM8, 4 POLE MOULDED CABLE

15.0m PUR 16x0,34+2x0,75, UL/CSA

8-way, 4-pole 15.0 m 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.

## Link to Product

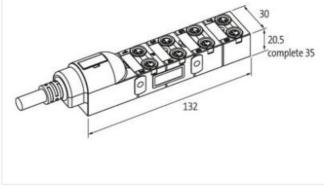
Illustration



Product may differ from Image

for 2 signals per port





| Commercial data |          |  |
|-----------------|----------|--|
| ECLASS-6.0      | 27143423 |  |
| ECLASS-6.1      | 27279219 |  |
| ECLASS-7.0      | 27279219 |  |
| ECLASS-8.0      | 27279219 |  |
| ECLASS-9.0      | 27440108 |  |

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

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| EQLASS 11.1         27440108           EQLASS 12.0         27440108           EQUASS 12.0         264290           GTIN         404897004110           Packaging unit         1           Electrical data [Supply         2           Corrent operating per conter max.         8.A           Industrial Communication         2           Industrial Communication         8.A           Device protection [Electrical         Device protection [Electrical           Device protection [Electrical         Part retadant           Mechanical data [Mounting data         Mare retadant           Mechanical data [Mounting data         Stranubgewindo           Mechanical data [Mounting data         Stranubgewindo           Environmental characteristics [Climatic         Operating retroprotume max.           Operating retroprotume max.         80°C           Operating retroprotume max.         80°C           Operating retroprotume max.         80°C           Operating retroprotume max.         80°C   | ECLASS-10.1  | 27440108   |
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| ECLASS 12024/0109ETIM-6.0EC022855Calinors harf numberB544290GTIN40487305419Peckaging unit1Electrical data I Supply2Corrent operating recorrented nas.2.A.Corrent operating recorrented nas.8.A.Industrial communication3.A.Industrial communication3.A.Industrial communication8.A.Industrial communication8.A.Industrial communication8.A.Industrial communication8.A.Device protection [ElectricalBots 1Device protection [Electrical1.B.Device protection [Electrical1.B.Industrial communication1.B.Marting andA.S. 1.B.Device protection [MediaEnvironmental characteristics [ClimaticIndustrial continue may and the structure may and the structu  |  |  |
| F1M-5.0         EC029455           customs laifl number         85444280           GTN         40487054416           Packaging unt         1           Electrical dal Supply         Comment consume par contact max.           Carrent consumine par contact max.         2 A           Carrent consume par contact max.         8 A           Inductrial communication         2           Inductrial consume max.         8 A           Inductrial consume max.         8 A           Inductrial communication         2           Davise protection   Electrical         Development to the set of t   |  |  |
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| GTIN4048978054416Packaging unit1Packaging unit1Electrical atal Supply2Operating voltage DC24 VCurrent Operating per contact max.2 ATotal current max.8 AIndustrial communication2Number of signals per port2Industrial communication2Mounting setM8 x 1Device protection   ElectricalElectricalDevice protection   ReferElectricalDevice protection   ReferElectricalMaterial datal Material dataHasin entatadantMaterial datal Material dataHasin entatadantMaterial changingPasicMaterial changingPasicPasicPasicMaterial changingPasicMaterial changingPasicPasicPasicPasicPasicMaterial changingPasicPasicPasicPasicPasicPasicPasicPasicPasicPasicPasicPasicPasic   |  |  |
| Packaging unit         1           Electrical data [Supply         Image: Comparing values of the second secon |  |  |
| Electrical data   Supply           Operating voltage DC         24 V           Corrent operating protomited max.         2 A           Total current max.         8 A           Industrial communication         Industrial communication           Industrial communication         2           Industrial communication         Industrial communication           Berland Connection         Veloce protection   Electrical           Device protection   Electrical         PES, IPS7           Device protection   Media         Mare relardant           Mechanical data   Material data         Mare relardant           Mechanical data   Material data         Pastic           Mechanical data   Mounting data         Pastic           Mechanical data   Mounting data         Schraubgewindes           Environmental characteristics   Clinadia         Pastic           Operating temperature min.         20 °C           Operating temperature min.         80 °C           Additional domitic megneture range         986           Schraubgewindes         Schraubgewindes           Institution (Cabie         Generating communication           Schraubgewindes         Schraubgewindes           Schraubgewindes         Schraubgewindes           Envice montal characteris (Clinadia C  |  |  |
| Operating voltage DC24 VCurrent operating per contact max.2 ATotal current max.8 AIndustrial communication2Installation   Connection2Installation   ConnectionNB x 1Device protection   ElectricalNB x 1Device protection   ElectricalPersonDevice protection   ElectricalPersonDevice protection   MediaNB x 1Device protection   MediaPersonInter resistanceRame retardantMedianci daia   Material daiaPersonMetral housingPersonDevice protection   ElectricalSchraubgewindeEnvironmental characteristics   ClimaticSchraubgewindeEnvironmental characteristics   ClimaticSchraubgewindeEnvironmental characteristics   ClimaticSchraubgewindeEnvironmental characteristics   ClimaticSchraubgewindeCole clinationSei SchraubgewindeEnvironmental characteristics   ClimaticSchraubgewindeEnvironmental characteristics   ClimaticSei SchraubgewindeEnvironmental characteristics   ClimaticSei SchraubgewindeEnvironmental characteristics   ClimaticSei SchraubgewindeEnvironmental condition turoperature rangedepending on cable qualityEnvironmental condition turoperature rangeSei SchraubgewindeEnvironmental condition turoperature rangeSei SchraubgewindeInstallation (ColeSei SchraubgewindeStanding (type 2)1Standing (type 2)1Standing (type 2) <td></td> <td></td>  |  |  |
| Current operating per contact max.         2 A           Total current max.         8 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Max n 1           Device protection   Electrical         Installation   Connection           Device protection   Medin         Image: Part of the Part of  |  |  |
| Total current max:         B A           Industrial communication           Number of signals per port         2           Industrial communication         Industrial communication           Mounting set         M8 x 1           Device protection   Electrical         Industrial commonication           Device protection   Media         Industrial commonication           Parter protection   Media         Industrial commonication           Device protection   Media         Industrial commonication           Mechanical data   Mounting data         Industrial commonication           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         20 °C           Operating temperature max.         80 °C           Additional condition temperature may         depending on cable quality           Instalation   Coabie         Coabie dentification           Jacket Color         gray           Type of Certification         396           Jacket Color         gray           Type of Certification         40 °C           Anount stranding         1           Stranding (type 2)         1           Stranding (type 2)         12 wires around Stranding combination twisted           Banding         Pleace </td <td></td> <td></td>  |  |  |
| Industrial communication         2           Installion   Connection         Max 1           Installion   Connection   Betrical         Wax 1           Device optotection   Electrical         Wax 1           Device optotection   Electrical         IP65, IP67           Device optotection   Maximum 2         IP66, IP67           Device optotection   Maximum 2         Immeration 2           Mechanical datal   Moterial datal         Immeration 2           Mechanical datal   Moterial datal         Plastic           Mounting method         Schraubgewinde           Enviconmental characteristics   Climatu         Evolution 2           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Addition a Condition temperature max. <td< td=""><td></td><td></td></td<>   |  |  |
| Number of signals per port         2           Instilution   Connection         Mouting set         Mo 1           Device protection [Electrical         Instilution   Connection         Instilution   Connection           Device protection [Electrical         IPES, IPE7         Instilution   Connection   Conn  |  | 8 A  |
| Installation   Connection         Max 1           Boyice protection   Electrical         Person Protection (EN LEC 60529)  | Industrial communication   |  |
| Mounting set         M8 x 1           Device protection   Rectrical           Degree of protection   Modio           Enance resistance         Ifame resistance           Barter setstance         Barter certadant           Mechanical data   Material data         Schraubgewinde           Material housing         Pastic           Mechanical data   Mounting data         Schraubgewinde           Depresent preparature data         Schraubgewinde           Environmental characteristics   Climatio         Color Co   | Number of signals per port   | 2  |
| Device protection   Electrical           Device protection   Media           Team resistance         Ifame retardant           Mechanical data   Material data           Methanical data   Material data           Methanical data   Material data           Methanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         - 20 °C           Operating temperature max.         80 °C           Addition   Cable         - 20 °C           Operating temperature max.         80 °C           Addition   Cable  | Installation   Connection  |  |
| Degree of protection (EN IEC 60529)         IP65. IP67           Device protection   Media         Iame retardant           Flame resistance         Ifame retardant           Mechanical data   Material data         Plastic           Mechanical data   Mounting data         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Common of the plant o  | Mounting set   | M8 x 1   |
| Degree of protection (EN IEC 60529)         IP65. IP67           Device protection   Media         Iame retardant           Flame resistance         Ifame retardant           Mechanical data   Material data         Plastic           Mechanical data   Mounting data         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Common of the plant o  | Device protection   Electrical   |  |
| Device protection   Media           Flame resistance         flame retardant           Material housing         Plastic           Material housing         Plastic           Mechanical data   Muterial data         Sohraubgewinde           Munting method         Sohraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -20 °C           Operating temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinonal condition temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinonal condition temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinonal condition temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinonal condition temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinonal condition temperature max.         80 °C         Addinonal condition temperature max.         80 °C           Addinotal condition temperature max.         80 °C         Addinotal condition temperature max.         80 °C           Addinotal condition temperature max.         80 °C         Addinotal condition temperature max.         80 °C           Addinotal condita  | · · ·  | IP65, IP67   |
| Filmer resistance         filmer retardant           Mechanical data   Material data         Plastic           Meterial housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Deprating method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable  |  |  |
| Mechanical data   Material data           Material housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Construct           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable identification         396           Jacket Color         gray           Type of Certificate         CJRus, CSA           Amount stranding         6 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1 wires around Stranding combination twisted           Banding         Filesce           Filer         yes           wire arrangement         gray-bite, red-bite, green-while, brown-green, black, violet, (brown, blue, brown-gray, gray-while, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)           Cable weight         143 grm           Material jacket         PUR           Stranding iyee         5 Shore A           Freece         Stray           Cable weight         143 grm           Material jacket   | · ·  |  |
| Material housing         Plastic           Mechanical data [Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Environmental characteristics [Climatic         Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature may.         96           Jacket Color         gray.           Type of Certificate         0.Fus. CSA           Amount stranding (type 2)         1  | Flame resistance   | flame retardant  |
| Mechanical Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Comperating temperature min.         -20 °C           Operating temperature max.         80 °C         Additional condition temperature may.         80 °C           Additional condition temperature may.         80 °C         Additional condition temperature may.         80 °C           Additional condition temperature may.         80 °C         Comperating temperature may.         80 °C           Addition   Cable         Cable identification         396         Comperating temperature may.         80 °C           Jacket Color         gray         gray         Comperating temperature may.         80 °C           Amount stranding         1         Stranding         6 wires around Core filler twisted         Amount stranding (type 2)         1           Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 3)         12 wires around Stranding combination twisted         Stranding (type 4)         Stranding 43 g/m         Stranding 43 g/m         Stranding 43 g/m  | Mechanical data   Material data  |  |
| Mounting method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature max.         80 °C           Additional condition temperature max.         60 ending on cable quality           Installation   Cable         -20 °C           Cable identification         996           Jacket Color         gray           Type of Certificate         cURus, CSA           Amount stranding         6 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1 vers around Stranding combination twisted           Banding         Fleece           Filler         yes           wire arangement         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, white)           Cable weight         143 g/m           Material jacket         PUR           Shore hardness jacket         89 ± 5 Shore A           Freedom from ingredients (jacket)         10.4 mm           Tolerance uter diameter (sheath)         ± 5 %           Material jacket         PUR           Shore hardness jacket         89 ± 5 Shore A           Freedom from ingredients (jacket)         10.4 mm           Tolerance outer   | Material housing   | Plastic  |
| Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable  | Mechanical data   Mounting data  |  |
| Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable   | Mounting method  | Schraubgewinde   |
| Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Additional condition temperature range         depending on cable quality           Installation   Cable   | Environmental characteristics   Climatic   | ·  |
| Operating temperature max.       80 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       200         Cable identification       396         Jacket Color       gray         Type of Certificate       cURus, CSA         Amount stranding       1         Stranding       6 wires around Core filler twisted         Amount stranding (type 2)       1         Stranding (type 2)       12 wires around Stranding combination twisted         Banding       Fleece         Filler       yes         wire arrangement       gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)         Cable weigth       143 g/m         Material jacket       PUR         Shore hardness jacket       89 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, LABS-free         Outer-diameter (jacket)       10.4 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1.5 rm         Outer diameter insulation       1.5 % </td <td></td> <td>20.00</td>   |  | 20.00  |
| Additional condition temperature range       depending on cable quality         Installation   Cable         Cable identification       396         Jacket Color       gray         Type of Certificate       cURus, CSA         Amount stranding       1         Stranding       6 wires around Core filler twisted         Amount stranding (type 2)       1         Stranding (type 2)       1 2 wires around Stranding combination twisted         Banding       Fleece         Filler       yes         wire arrangement       gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)         Cable weigth       143 g/m         Material jacket       PUR         Shore hardness jacket       89 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         Outer-diameter (jacket)       10,4 mm         Tolerance outer diameter (sheatth)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1,5 mm         Outer diameter insulation       15 %  | <u> </u>   |  |
| Installation   CableCable identification396Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation5 ± 5 Shore D   |  |  |
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| Jacket ColorgrayType of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  |  |  |
| Type of CertificatecURus, CSAAmount stranding1Stranding6 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  |  |  |
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| Stranding6 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color   | gray   |
| Amount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate  | gray<br>cURus, CSA   |
| Stranding (type 2)12 wires around Stranding combination twistedBandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow, white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding  | gray<br>cURus, CSA<br>1  |
| BandingFleeceFilleryeswire arrangementgray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-<br>yellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding   | gray<br>cURus, CSA<br>1<br>6 wires around Core filler twisted  |
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| Write analgementyellow, yellow-white, red, pink, gray, yellow, green, white)Cable weigth143 g/mMaterial jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding   | gray<br>cURus, CSA<br>1<br>6 wires around Core filler twisted<br>1<br>12 wires around Stranding combination twisted<br>Fleece  |
| Material jacketPURShore hardness jacket89 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler   | gray<br>cURus, CSA<br>1<br>6 wires around Core filler twisted<br>1<br>12 wires around Stranding combination twisted<br>Fleece<br>yes   |
| Shore hardness jacket       89 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         Outer-diameter (jacket)       10,4 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler   | gray<br>cURus, CSA<br>1<br>6 wires around Core filler twisted<br>1<br>12 wires around Stranding combination twisted<br>Fleece<br>yes<br>gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-   |
| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)   |
| Outer-diameter (jacket)10,4 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m   |
| Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       TPE-E         Amount wires       16         Outer diameter insulation       1,5 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket  | gray         cURus, CSA         1         6 wires around Core filler twisted         1         1 vires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR  |
| Material wire insulation     TPE-E       Amount wires     16       Outer diameter insulation     1,5 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A  |
| Amount wires16Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)  | gray         cURus, CSA         1         6 wires around Core filler twisted         1         1 vires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   |
| Outer diameter insulation1,5 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm  |
| Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     55 ± 5 Shore D  | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)  | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm         ± 5 %  |
| Shore hardness wire insulation     55 ± 5 Shore D   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires  | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm         ± 5 %         TPE-E         16   |
|   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm         ± 5 %         TPE-E         16         1,5 mm                                      |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation   | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm         ± 5 %         TPE-E         16         1,5 mm         ± 5 %                        |
|   | Cable identification<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Banding<br>Filler<br>wire arrangement<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation<br>Outer diameter tolerance core insulation<br>Shore hardness wire insulation | gray         cURus, CSA         1         6 wires around Core filler twisted         1         12 wires around Stranding combination twisted         Fleece         yes         gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)         143 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         10,4 mm         ± 5 %         TPE-E         16         1,5 mm         ± 5 %         55 ± 5 Shore D |

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

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| • • • • • • • •                                   |  |
|---|--|
| Amount strands (wire)                             | 42   |
| Diameter of single wires                          | 0,1 mm   |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                 |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                             |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | strand class 6                                       |
| Material wire insulation (Data)                   | TPE-E  |
| Outer diameter wire insulation (Data)             | 1,8 mm   |
| Tolerance outer diameter wire insulation (data)   | ±5%  |
| Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                       |
| Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free      |
| Amount wires (Data)                               | 2  |
| Amount strands wire (Data)                        | 42   |
| Diameter of single wires (Data)                   | 0,15 mm  |
| Conductor crosssection wire (Data)                | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire (Data)                    | Stranded copper wire, bare                           |
| Wire conductor type (Data)                        | strand class 6                                       |
| Max. rated voltage (conductor - conductor)        | 300 V  |
| Max. rated voltage (conductor - ground)           | 300 V  |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 4 A  |
| Current load capacity min. Wire (Data)            | 12 A   |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Data)         | 26 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s  |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s  |
| Min. operating temperature (static)               | -40 °C   |
| Max. operating temperature (fixed)                | 0° C   |
| Operating temperature min. (dynamic)              | -5 °C  |
| Operating temperature max. (dynamic)              | 2° 08  |
| Flame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (installation)                     | x Outer diameter                                     |
| Bending radius (installation)                     | 7,5 x Outer diameter                                 |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Travel speed (C-track)                            | 5 Mio. @ 25 °C                                       |
| Connection type 2                                 |  |
| Family construction form                          | free cable end                                       |
| No. of poles                                      | 10   |
| Family construction form                          | M8   |
| Gender  | female   |
| Color contact carrier                             | black  |
| Coding  | A  |
| No. of poles                                      | 4  |
| PIN 1   | +  |
| PIN 2   | \$2  |
| PIN 3   | -  |
| PIN 4   | \$1  |
|   |  |

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