

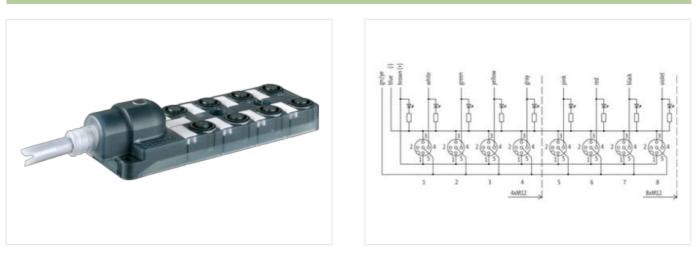
## EXACT12, 8XM12, 4 POLE MOULDED CABLE

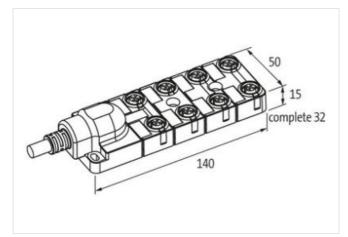
10.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

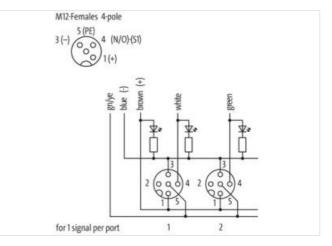
8-way, 4-pole PUR/PVC Further cable lengths on request. 10.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



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

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| ECLASS-9.0  | 27440108   |
|---|--|
| ECLASS-10.1   | 27440108   |
| ECLASS-11.1   | 27440108   |
| ECLASS-12.0   | 27440108   |
| ETIM-5.0  | EC002585   |
| customs tariff number   | 85444290   |
| GTIN  | 4048879054256  |
| Packaging unit  | 1  |
|   |  |
| Electrical data   Supply  |  |
| Operating voltage DC  | 24 V   |
| Current operating per contact max.  | 4 A  |
| Installation   Connection   |  |
| Mounting set  | M12 x 1  |
| Device protection   Electrical  |  |
| Degree of protection (EN IEC 60529)   | IP65, IP67   |
|   |  |
| Device protection   Media   |  |
| Flame resistance  | flame retardant  |
| Mechanical data   Material data   |  |
| Material housing  | Plastic  |
| Mechanical data   Mounting data   |  |
| Mounting method   | Schraubgewinde   |
| -   | Gonaubyewinde  |
| Environmental characteristics   Climatic  |  |
| Operating temperature min.  | -20 °C   |
| Operating temperature max.  | 70 °C  |
|   |  |
| Additional condition temperature range  | depending on cable quality   |
| Additional condition temperature range Installation   Cable   | depending on cable quality   |
|   | depending on cable quality<br>Hybrid, Signal, Power  |
| Installation   Cable  |  |
| Installation   Cable<br>STOOW style jacket  | Hybrid, Signal, Power  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification  | Hybrid, Signal, Power<br>362   |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type  | Hybrid, Signal, Power<br>362<br>2  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color  | Hybrid, Signal, Power<br>362<br>2<br>gray  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate   | Hybrid, Signal, Power<br>362<br>2<br>gray<br>cURus   |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding   | Hybrid, Signal, Power<br>362<br>2<br>gray<br>cURus<br>1  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding  | Hybrid, Signal, Power       362       2       gray       cURus       1       2 wires with Filler twisted   |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)   | Hybrid, Signal, Power       362       2       gray       cURus       1       2 wires with Filler twisted       1   |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Filler   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes  |
| Installation   Cable<br>STOOW style jacket<br>Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>Amount stranding (type 2)<br>Stranding (type 2)<br>Filler<br>wire arrangement   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigth   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacket  | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacket   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A   |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)  | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm   |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)  | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %   |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacket   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC   |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulation   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC  |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wires   | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8                              |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter insulation  | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm               |
| Installation   CableSTOOW style jacketCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingAmount stranding (type 2)Stranding (type 2)Fillerwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material inner jacketColor (inner jacket)Material wire insulationAmount wiresOuter diameter tolerance core insulationOuter diameter tolerance core insulation | Hybrid, Signal, Power         362         2         gray         cURus         1         2 wires with Filler twisted         1         9 wires around Stranding combination twisted         yes         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)         115,5 g/m         PUR         87 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         8,1 mm         ± 5 %         PVC         gray         PVC         8         1,3 mm         ± 5 % |

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| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-free     |
|---|--|
| Amount strands (wire)                             | 19   |
| Diameter of single wires                          | 0,15 mm  |
| Conductor crosssection (wire)                     | 0.34 mm <sup>2</sup>                                 |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Traversing distance (C-track)                     | 5 m @ 25 °C  |
| Travel speed (C-track)                            | 3  |
| Material wire insulation (Power)                  | PVC  |
| Outer diameter wire insulation (Power)            | 1,8 mm   |
| Tolerance outer diameter wire insulation          | 1,0 mm   |
| (Power)   | ±5 %   |
| Shore hardness wire insulation (Power)            | 43±5 Shore D   |
| Material properties wire insulation (Power)       | good machinability                                   |
| Ingredient freeness wire insulation (Power)       | lead-free, cadmium-free, CFC-free, silicone-free     |
| Amount strands wire (Power)                       | 24   |
| Diameter of single wires (Power)                  | 0,2 mm   |
| Wire conductor cross section (Power)              | 0,75 mm <sup>2</sup>                                 |
| Material conductor wire (Power)                   | Stranded copper wire, bare                           |
| Conductor type wire (Power)                       | Strand class 5                                       |
| 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  |
| Loop resistance                                   | 7,8 A  |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Electrical resistance coating wire (Power)        | 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)               | -30 °C   |
| Max. operating temperature (fixed)                | 80 °C  |
| Operating temperature min. (dynamic)              | -5 °C  |
| Operating temperature max. (dynamic)              | 70 °C  |
| 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)                            | 2 Mio. @ 25 °C                                       |
| Connection type 2                                 |  |
| Family construction form                          | free cable end                                       |
| No. of poles                                      | 11   |
| Family construction form                          | M12  |
| Gender  | female   |
| Color contact carrier                             | black  |
| Coding  | A  |
| No. of poles                                      | 4  |
| PIN 1   | +  |
| PIN 2   | n.c.   |
| PIN 3   | <u>-</u>   |
| PIN 4   | NO S 1   |
| PIN 5   | PE   |
|   |  |

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