

## **EXACT8, 4XM8, 3 POLE PRE-WIRED CABLE**

15.0m PUR/PVC 4\*0,34+2\*0,75

4-way, 3-pole PUR/PVC

Further cable lengths on request.

15.0 m

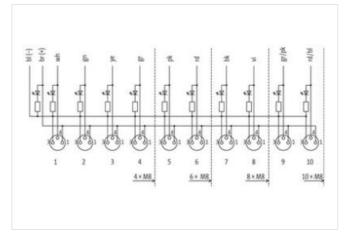
Plastic housings with good resistance against chemicals and oils.

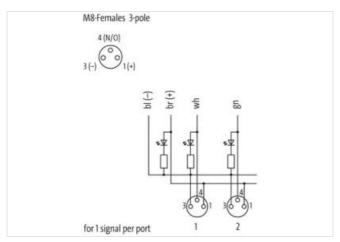
The resistance to aggressive media should be individually tested for your application. Further details on request.

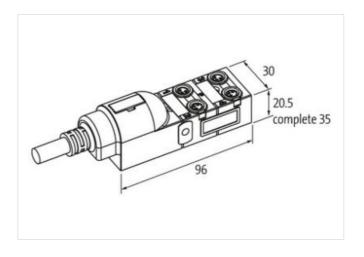
## **Link to Product**

## Illustration









Product may differ from Image









| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27279219 |
| 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 GTIN  | 85444290<br>4048879056519  |
| Packaging unit  | 1  |
|   |  |
| Electrical data   Supply  |  |
| Operating voltage DC  | 24 V<br>2 A  |
| Current operating per contact max.  Total current max.  |  |
|   | 8 A  |
| Industrial communication  |  |
| Number of signals per port  | 1  |
| Installation   Connection   |  |
| Mounting set  | M8 x 1   |
| Device protection   Electrical  |  |
| Degree of protection (EN IEC 60529)   | IP65, IP67   |
| Device protection   Media   |  |
| Flame resistance  | flame retardant  |
|   | name retardant   |
| Mechanical data   Material data   |  |
| Material housing  | Plastic  |
| Mechanical data   Mounting data   |  |
| Mounting method   | Schraubgewinde   |
| Environmental characteristics   Climatic  |  |
| Operating temperature min.  | -20 °C   |
| Operating temperature max.  | 80 °C  |
| Additional condition temperature range  | depending on cable quality   |
| Installation   Cable  |  |
| Cable identification  | 337  |
| Cable Time  | 007  |
| Cable Type  | 2  |
| Jacket Color  |  |
|   | 2  |
| Jacket Color  | 2<br>gray  |
| Jacket Color Type of Certificate  | 2<br>gray<br>cURus   |
| Jacket Color Type of Certificate STOOW style jacket   | gray cURus Hybrid, Signal, Power   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding  | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement  | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track)  | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C  |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR   |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm                    |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 %              |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket   | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm                    |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)                          | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray    |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray PVC |
| Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)                          | gray cURus Hybrid, Signal, Power  1 6 wires around Core filler twisted yes gray, yellow, green, white, brown, blue 2 Mio. @ 25 °C 74,8 g/m PUR 87 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 6,9 mm ± 5 % PVC gray    |



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|  | ±5%   |
|--|---|
| Outer diameter tolerance core insulation  Shore hardness wire insulation   | 43 ± 5 Shore D  |
|  |   |
| Material properties wire insulation  Ingredient freeness wire insulation   | good machinability  lead-free, cadmium-free, CFC-free, silicone-free  |
| Amount strands (wire)  | 19  |
| Diameter of single wires   | 0,15 mm   |
| Conductor crosssection (wire)  |   |
| Material conductor wire  | 0,34 mm²  |
|  | Stranded copper wire, bare Strand class 5   |
| Conductor type (wire)  | PVC   |
| Material wire insulation (Power)  Outer diameter wire insulation (Power)   | 1,8 mm  |
| Tolerance outer diameter wire insulation   | 1,6 11111   |
| (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 wires (Power)   | 2   |
| 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  |
| Traversing distance (C-track)  | 5 m @ 25 °C   horizontal  |
| Current load capacity (standard)   | to DIN VDE 0298-4   |
| Current load capacity min. wire  | 4,2 A   |
| Electrical resistance line constant wire   | 57 Ω/km @ 20 °C   |
| Electrical resistance coating wire (Power)   | 26 Ω/km @20 °C  |
| Loop resistance  | 8,4 A   |
| Max. rated voltage power (conductor - ground)  | 300 V   |
| Max. rated voltage power (conductor - conductor)   | 300 V   |
| Power frequency withstand voltage power  | 014/200-  |
| (wire - jacket)  | 2 kV @ 60 s   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  | 2 kV @ 60 s   |
| (wire - jacket)  |   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  | 2 kV @ 60 s   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)   | 2 kV @ 60 s<br>-30 °C   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)   | 2 kV @ 60 s<br>-30 °C<br>80 °C  |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)   | 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C  |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)   | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6                       |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  Family construction form  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8                   |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  Family construction form  Gender  | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8  female           |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  Family construction form  Gender  Color contact carrier                       | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8  female  black    |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  Family construction form  Gender  Color contact carrier  Coding               | 2 kV @ 60 s  -30 °C  80 °C  -5 °C  70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter  free cable end  6  M8  female  black  A |
| (wire - jacket)  AC withstand voltage power (wire - wire)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  chemical resistance  Gasoline resistance  Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Connection type 2  Family construction form  No. of poles  Family construction form  Gender  Color contact carrier  Coding  No. of poles | 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing Good, application-related testing DIN EN 60811-404   Good, application-related testing 5 x Outer diameter 10 x Outer diameter  free cable end 6 M8 female black A              |

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: 2024-04-25

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