

## **EXACT8, 10XM8, 3POLE, MOULDED CABLE**

5.0m PUR 10x0,34+2x0,75

10-way, 3-pole for NPN signals 24 V DC Further cable lengths on request.

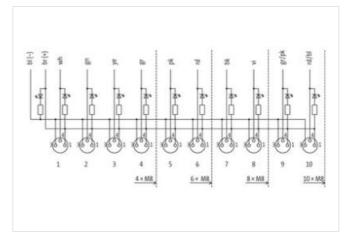
Plastic housings with good resistance against chemicals and oils.

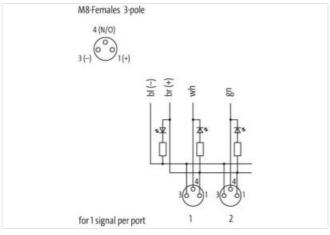
The resistance to aggressive media should be individually tested for your application. Further details on request.

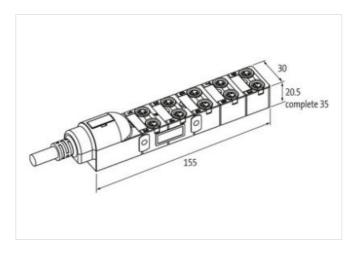
## **Link to Product**

## Illustration









Product may differ from Image









| 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   |
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| ECLASS-10.1  | 27440108   |
| ECLASS-11.1  | 27440108   |
| ECLASS-12.0  | 27440108   |
| ETIM-5.0   | EC002585   |
| customs tariff number  | 85444290   |
| GTIN   | 4048879056922  |
| Packaging unit   | 1  |
| Electrical data   Supply   |  |
| Operating voltage DC   | 24 V   |
| Current operating per contact max.   | 2 A  |
| Total current max.   | 8 A  |
| Industrial communication   |  |
| Number of signals per port   | 1  |
| Installation   Connection  |  |
| Mounting set   | M8 x 1   |
| Device protection   Electrical   |  |
| •  | IDOS IDOS  |
| 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   |
| Environmental characteristics   Climatic   |  |
| Operating temperature min.   | -20 °C   |
| Operating temperature max.   | 80 °C  |
| Additional condition temperature range   | depending on cable quality   |
|  | depending on cable quality   |
| Installation   Cable   |  |
| Cable identification   | 384  |
| Jacket Color   | gray   |
| Type of Certificate  | cURus  |
| Amount stranding   | 1  |
| Stranding  | 3 wires twisted  |
| Amount stranding (type 2)  | 1  |
| <u> </u>   | ·  |
| Stranding (type 2)   | 9 wires around Stranding combination twisted   |
| Banding  | 9 wires around Stranding combination twisted Fleece  |
| Banding wire arrangement   | 9 wires around Stranding combination twisted  Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  |
| Banding wire arrangement Cable weigth  | 9 wires around Stranding combination twisted  Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m   |
| Banding wire arrangement Cable weigth Material jacket  | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR   |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket  | 9 wires around Stranding combination twisted  Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)  | 9 wires around Stranding combination twisted  Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)  | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)  | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %   |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation   | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E                                    |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires  | 9 wires around Stranding combination twisted  Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E                                     |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation  | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E  10  1,4 mm                        |
| Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation   | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E  10  1,4 mm  ± 5 %                 |
| Banding wire arrangement  Cable weigth  Material jacket Shore hardness jacket Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E  10  1,4 mm  ± 5 %  55 ± 5 Shore D |
| Banding wire arrangement  Cable weigth  Material jacket Shore hardness jacket Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation                                 | 9 wires around Stranding combination twisted  Fleece  red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)  121 g/m  PUR  89 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  9,3 mm  ± 5 %  TPE-E  10  1,4 mm  ± 5 %                 |

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: 2024-05-02



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| Material conductor vivie         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Material vivie isolation (Data)         TPE-E           Outer damester wire insulation (Data)         \$5 ± 5           Shore hardness wire insulation (Data)         \$5 ± 5 Shore D           Ingredient Feenees wire insulation (Data)         \$6 ± 5 Shore D           Ingredient Feenees wire insulation (Data)         \$2 + 2           Amount strands wire (Data)         24           Diameter of single wires (Data)         0.2 mm           Conductor crossection wire (Data)         0.75 mm²           Material conductor wire (Data)         5 m @ 25 °C   Indicated and part of the p  | Diameter of single wires                          | 0,15 mm  |
|--|---|--|
| Conductor type (wive)   Strand class 5   | Conductor crosssection (wire)                     | 0,34 mm²   |
| Material wire insulation (Data)  TPE: E  Outer dameter wire insulation (Data)  TPE: E  Toterance outer dameter wire insulation (Data)  Toterance outer dameter wire insulation (Data)  St %  Shore hardness wire insulation (Data)  Ingredient freeness wire insulation (Data)  Ingredient freeness wire insulation (Data)  Bead-free, cadmium-free, CFC-free, halogen-free  Amount wires (Data)  2  Amount strands wire (Data)  Conductor crosssection wire (Data)  Conductor crosssection wire (Data)  O,75 mm²  Material conductor wire (Data)  Stranded copper wire, barre  Wire conductor yie (Data)  Stranded copper wire, barre  Stranded copper wire, barre  Wire conductor yie (Data)  Stranded copper wire, barre  Strand | Material conductor wire                           | Stranded copper wire, bare                           |
| Outer diameter wire insulation (Data)         1,8 mm           Tolerance outer diameter wire insulation (data)         5 %           Since hardness wire insulation (Data)         5 %           Impredient freeness wire insulation (Data)         5 %           Amount wires (Data)         2           Amount wires (Data)         24           Diameter of single wires (Data)         0,2 mm           Occupation of single wires (Data)         0,7 mm²           Mile conductor vive (Data)         5 m @ 25 m²           Wire conductor vive (Data)         5 m @ 25 m²           Wire conductor yes (Data)         5 m @ 25 m²           Max. radad voltage (conductor - conductor)         300 V           Max. radad voltage (conductor - conductor)         300 V           Current load capacity fist andaro         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. wire (Data)         5 f Q km @ 20 °C           Electrical resistance line constant wire         5 f Q km @ 20 °C           Electrical resistance line constant wire         2 kV @ 60 s           Electrical resistance line perature (line del conductor)         2 kV @ 60 s           Min. operating temperature (line del conductor)         30 °C           Operating temperature (line del conductor) <t< td=""><td>Conductor type (wire)</td><td>Strand class 5</td></t<>  | Conductor type (wire)                             | Strand class 5                                       |
| Tolerance outer diameter wire insulation (data) ± 5 % Shore bardness were insulation (Data) 55 ± 5 Shore D 55   | Material wire insulation (Data)                   | TPE-E  |
| Shore hardness wire insulation (Data)         55 ± 5 Shore D           ingredent freeness wire insulation (Data)         1 lead-free, cadmirum-free, CFC-free, halogen-free           Amount wires (Data)         2           Amount strands wire (Data)         24           Diameter of single wires (Data)         0.7 mm²           One of single wires (Data)         0.7 mm²           Wire conductor lype (Data)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         10 IN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance (wire - wire)         2 KV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         30   | Outer diameter wire insulation (Data)             | 1,8 mm   |
| lead-free, cadmium-free, CFC-free, halogen-free  | Tolerance outer diameter wire insulation (data)   | ±5%  |
| Amount wires (Data) 2 Amount strands wire (Data) 24 Amount strands wire (Data) 24 Amount strands wire (Data) 24 Diameter of single wires (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wile conductor type (Data) Stranded copper wire, bare Wile conductor type (Data) Stranded cass 5 Traversing distance (C-track) 5 m @ 25 °C   horizontal   Max. rated voilage (conductor - conductor) 300 V Adv. rated voilage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Data) 12 A Electrical resistance ocating wire (Data) 26 Ωkm @ 20 °C Electrical resistance voilage (wire - wire 2 kW @ 60 s Power frequency withstand voitage (wire - wire 2 kW @ 60 s  Min. operating temperature (fixed) 06 °C Operating temperature (fixed) 08 °C Operating temperature (fixed) 09 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 10 °C Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Dil Resistance Good, application-related testing Bending radius (installation) V. Outer diameter Bending radius (installation) V. Outer diameter Bending radius (installation) M8 Bending radius (installation) M8 Gandar (male Cooler operation of male Cooler contact carrier black Coding A No. of poles 3 PIN EN 871 - 40 °C Coding A No. of poles 3 PIN EN 871 - 40 °C Coding A No. of poles 3 PIN EN 871 - 40 °C Coding A No. of poles 3 PIN EN 871 - 40 °C Coding A No. of poles 3 PIN EN 871 - 40 °C Coding A No. of poles 3  | Shore hardness wire insulation (Data)             | 55 ± 5 Shore D                                       |
| Amount strands wire (Data) 24 Diameter of single wires (Data) 0.2 mm Conductor rospection wire (Data) 0.75 mm²  Meterial conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C   horizontal  300 V  Max. rated voltage (conductor - conductor) 300 V  Max. rated voltage (conductor - conductor) 300 V  Current load capacity (standard) 500 V  Current load capacity min. wire 4 A  Current load capacity min. wire 4 A  Current load capacity min. wire 4 A  Current load capacity min. wire 57 Ω/km @ 20 °C  Electrical resistance line constant wire 57 Ω/km @ 20 °C  Electrical resistance coating wire (Data) 2 kW @ 60 s  Power frequency withstand voltage (wire - wire) 2 kW @ 60 s  Min. operating temperature (static) 40 °C  Max. operating temperature min. (dynamic) 5 °C  Operating temperature min. (dynamic) 80 °C  Operating temperature min. (dynamic) 80 °C  Coperating resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404 (Good, application-related testing)  Bending radius (fixed) 7,5 × Outer diameter  DN col poles 12  Family construction form M8  Gender female  Coding A  No. of poles 3  PiN 1  Fin 1  Fin 1  Fin 2  Fin 3  Fin 2  Fin 3  Fin 3  Fin 4  Fin 50  Fin 7  Fin min 4  Fin 4  Fin 4  Fin 7  Fin min 4  Fin 4  Fin 7  Fin min 4  Fin 4  Fin 4  Fin 4  Fin 7  Fin min 4  Fin 4  Fin 7  Fin min 4  Fin 4  Fin 7  Fin min 4  Fin Fin 7  F  | Ingredient freeness wire insulation (Data)        | lead-free, cadmium-free, CFC-free, halogen-free      |
| Diameter of single wires (Data)         0,2 mm           Conductor crosssection wire (Data)         0,75 mm²           Material conductor type (Data)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Max. rated vollage (conductor - conductor)         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           A Courrent load capacity min. Wire (Data)         22 kV @ 60 s           AC withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Query frequency withstand voltage (wire - wire)         24 V @ 60 s           Good, application-felacted testing (wire - wire)         24 V @ 60 s           Good, applic   | Amount wires (Data)                               | 2  |
| Conductor crosssection wire (Data)         0,75 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance inine constant wire         5 7 Ω/km @ 20 °C           Electrical resistance coaling wire (Data)         26 Ω/km @ 20 °C           Electrical resistance coaling wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wrie)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Value (Departing temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Operating radius (fixed)         x Outer diameter           Bending radius (fixed)         x Outer diameter           Bending radius (fixed)         x Outer diameter           Oil resistance         DIN EN 60911-404 (Good, application-related testing </td <td>Amount strands wire (Data)</td> <td>24</td>   | Amount strands wire (Data)                        | 24   |
| Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           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)         28 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         80 °C           Oir esistance   | Diameter of single wires (Data)                   | 0,2 mm   |
| Strand class 5   Strand class 6   Str    | Conductor crosssection wire (Data)                | 0,75 mm <sup>2</sup>                                 |
| Traversing distance (C-track)         5 m @ 25 °C   horizontal           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         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 - sicket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Dil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         7,5 x   | Material conductor wire (Data)                    | Stranded copper wire, bare                           |
| 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 D/km @ 20 °C           Electrical resistance loading wire (Data)         26 M/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - gacket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         Good, application-related testing           Cli resistance         Good, application-related testing           Cli resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (gynamic)         10 x Outer diameter           Bending radius (gynamic)         10 x Outer diameter           No. of poles         12           Family construction fo  | Wire conductor type (Data)                        | Strand class 5                                       |
| Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           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           Electrical resistance oxating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         80 °C           Oil resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing  | Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                             |
| Current load capacity (standard)  Current load capacity (standard)  Current load capacity min. Wire  4 A  Current load capacity min. Wire (Data)  Electrical resistance line constant wire  Electrical resistance coating wire (Data)  2 6 Ω/km @ 20 °C  Electrical resistance coating wire (Data)  2 6 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  AC withstand voltage (wire - wire)  2 kV @ 60 s  Acwing temperature (withstand voltage (wire - wire)  2 kV @ 60 s  Acwing temperature (withstand voltage (wire - wire)  30 °C  Operating temperature (fixed)  Operating temperature (fixed)  Operating temperature (winc. (dynamic)  30 °C  Operating temperature max. (dynamic)  DIN EN 60811-404 [Good, application-related testing  Coll resistance  DIN EN 60811-404 [Good, application-related testing  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  No. of bending cycles (C-track)  5 Min. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  4  PIN 3  - C  | Max. rated voltage (conductor - conductor)        | 300 V  |
| Current load capacity min. wire  | Max. rated voltage (conductor - ground)           | 300 V  |
| Current load capacity min. Wire (Data)  Electrical resistance line constant wire  57 \( \text{C}\text{IKm} \eqrif{\text{@}} \text{20 °C} \)  Electrical resistance coating wire (Data)  AC withstand voltage (wire - wire)  2 kV \( \text{@}} \text{ 60 s} \)  Power frequency withstand voltage (wire - wire)  2 kV \( \text{@}} \text{ 60 s} \)  Power frequency withstand voltage (wire - wire)  2 kV \( \text{@}} \text{ 60 s} \)  Max. operating temperature (fixed)  30 °C  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  50 °C  Operating temperature max. (dynamic)  50 °C  Operating temperature max. (dynamic)  50 °C  Operating temperature max. (dynamic)  60 od. application-related testing  Gasoline resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (installation)  x Outer diameter  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  MB  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  + PIN 3   | Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Electrical resistance line constant wire   57 Ω/km @ 20 °C   | Current load capacity min. wire                   | 4 A  |
| Electrical resistance coating wire (Data)  26 Q/km @ 20 °C  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - iacket)  2 kV @ 60 s  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature max. (dynamic)  5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  EEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Oil resistance  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3   | Current load capacity min. Wire (Data)            | 12 A   |
| AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - lacket) 2 kV @ 60 s  lacket) 2 kV @ 60 s  Max. operating temperature (static) 40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) 5° °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3   | Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                      |
| Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  -40 °C  Min. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3   | Electrical resistance coating wire (Data)         | 26 Ω/km @ 20 °C                                      |
| jacket) 2 N @ 00 S  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature min. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3   | AC withstand voltage (wire - wire)                | 2 kV @ 60 s  |
| Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) So °C Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Oil resista | Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s  |
| Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (installation) Ending radius (fixed) T,5 x Outer diameter Bending radius (dynamic) So Mio. @ 25 °C  Connection type 2 Family construction form free cable end No. of poles Family construction form M8 Gender Gender Color contact carrier Dlack Coding A No. of poles 3 PIN 1 + PIN 3 -  So Odd Application-related testing HIO NUL 1581 § 1100 FT2 HIO NUL | Min. operating temperature (static)               | -40 °C   |
| Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 5 Mio. @ 25 °C  Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -   | Max. operating temperature (fixed)                | 80 °C  |
| Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -  | Operating temperature min. (dynamic)              | -5 °C  |
| chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -   | Operating temperature max. (dynamic)              | 80 °C  |
| Gasoline resistance Good, application-related testing  DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Bending radius (dynamic) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -  | Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -   | chemical resistance                               | Good, application-related testing                    |
| Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end No. of poles 12  Family construction form M8  Gender female Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -   | Gasoline resistance                               | Good, application-related testing                    |
| Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3  -  Outer diameter  7,5 x Outer diameter  8,5 x Outer diameter  8,6 x Outer diameter  9 M8  6 M8  | Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -   | Bending radius (installation)                     | x Outer diameter                                     |
| No. of bending cycles (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -   | Bending radius (fixed)                            | 7,5 x Outer diameter                                 |
| Connection type 2           Family construction form         free cable end           No. of poles         12           Family construction form         M8           Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | Bending radius (dynamic)                          | 10 x Outer diameter                                  |
| Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -  | No. of bending cycles (C-track)                   | 5 Mio. @ 25 °C                                       |
| No. of poles         12           Family construction form         M8           Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | Connection type 2                                 |  |
| Family construction form         M8           Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | Family construction form                          | free cable end                                       |
| Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | No. of poles                                      | 12   |
| Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | Family construction form                          | M8   |
| Coding         A           No. of poles         3           PIN 1         +           PIN 3         -  | Gender  | female   |
| No. of poles 3 PIN 1 + PIN 3 -   | Color contact carrier                             | black  |
| PIN 1 + PIN 3 -  | Coding  | A  |
| PIN 3 -  | No. of poles                                      | 3  |
|  | PIN 1   | +  |
| PIN 4 S  | PIN 3   | -  |
|  | PIN 4   | S  |