

## M8 male 0° / M8 female 90° A-cod. LED

PVC 3x0.25 gy UL/CSA 1m

Male straight – female 90° M8 – M8, 3-pole 2× LED (PNP), (NPN) on request

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

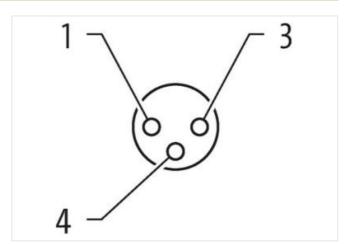
Plastic housings with good resistance against chemicals and oils.

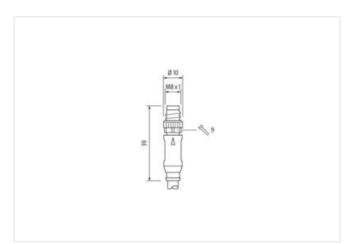
The resistance to aggressive media should be individually tested for your application. Further details on request.

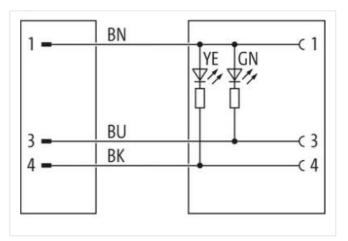
## **Link to Product**

## Illustration



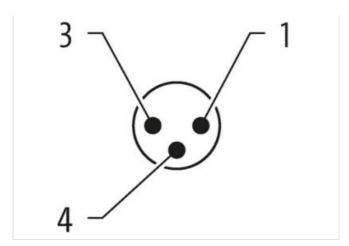


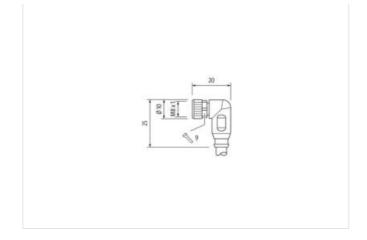






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Product may differ from Image











| Cable length                              | 1 m           |
|---|---------------|
| Side 1                                    |               |
| Tightening torque                         | 0,4 Nm        |
| Family construction form                  | M8            |
| Thread                                    | M8 x 1        |
| suitable for corrugated tube (internal Ø) | 6,5 mm        |
| Width across flats                        | SW9           |
| Side 2                                    |               |
| Tightening torque                         | 0,4 Nm        |
| Thread                                    | M8 x 1        |
| Commercial data                           |               |
| ECLASS-6.0                                | 27279218      |
| ECLASS-6.1                                | 27279218      |
| ECLASS-7.0                                | 27279218      |
| ECLASS-8.0                                | 27279218      |
| ECLASS-9.0                                | 27060311      |
| ECLASS-10.1                               | 27060311      |
| ECLASS-11.1                               | 27060311      |
| ECLASS-12.0                               | 27060311      |
| ETIM-5.0                                  | EC001855      |
| customs tariff number                     | 85444290      |
| GTIN                                      | 4048879127684 |
| Packaging unit                            | 1             |
| Electrical data   Supply                  |               |
| Operating voltage DC                      | 24 V          |
| Operating voltage DC min.                 | 18 V          |
| Operating voltage DC max.                 | 30 V          |
| Operating voltage DC max. (UL-listed)     | 30 V          |
| Current operating per contact max.        | 4 A           |
| Diagnostics                               |               |
| Status indication LED                     | green, yellow |
| Device protection   Electrical            |               |

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: 2024-06-26



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| Auditional condition projection degree  insertied, serviewed  volution Dupries  3  3  Authorisian Dupries  3  Authorisian Dupries  4  Authorisian Dupries  5  BUR  Authorisian Dupries  6  BUR  Authorisian Dupries  Authorisian Duprie | Degree of protection (EN IEC 60529)      | IP65, IP67, IP68, IP66K  |
|--|--|--|
| Tableton Degree 3  Alterdard group (EEG 60664-1)  Mechanical data   Material data    Mechanical data   Material data    Mechanical data   Material data    Material proup (EEG 60664-1)  Mechanical data   Material data    Zonding locking    Alternative   Alternative    Mechanical data   Mounting data    Mounting method    Protect the consideration    Alternative   Chieve    Mounting method    Mounting method  |  |  |
| Rated arrow (IEC 6066-1)      Mechanical data   Material data  |  | · · · · · · · · · · · · · · · · · · ·  |
| Mechanical data   Marinal data   Note   Note   Mechanical data   Marinal data   Note   Mechanical data   Mounting   PUR   Octobring malarial   Zinc discassing   Mechanical data   Mounting da |  |  |
| Mechanical data   Material data   Mickeled   Nickeled   PIR   Other   Mechanical data   Mounting data   Variety of de-ceding   Variety    |  | · · · · · · · · · · · · · · · · · · ·  |
| Description jooking Nickeled  Asterial housing PUR  Asterial housing  Mechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Departure interperature rans. 25 °C  Departure inspection interperature range depending on cable quality  Important installation notes  Moto on stain rolled Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Attention: Cheever the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076 2-114 (MB)  Installation   Cable  Inst | - ' ' '                                  | '  |
| Asterial housing PUR  Activities housing Ziro de-casting  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Spearaing temperature min.  -25 °C  | ·  |  |
| Mechanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Diperating temperature min. 28 °C  See C  See C | Coating locking                          |  |
| Mochanical data   Mounting data  Mounting method   Inserted, screwed, Shaking protection    Environmental characteristics   Climatic    Operating temperature min.   25 °C    Operating temperature max.   85 °C    Additional condition temperature max.   85 °C    Additional condition temperature max.   85 °C    Additional condition temperature max.   85 °C    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.    Attention: Observe the permissible bendring radii when laying cables, as the IP protection class can be endangered by excessive bendring forces.    Conformity    Product standard   DIN EN 61076-2-114 (M8)    Installation   Cable    Vire arrangement   brown, black, blue    Sable Stendification   210    Sable Stend |  |  |
| International Common   | Locking material                         | Zinc die-casting   |
| Environmental characteristics   Climatic Deparating temperature min25 °C Deparating temperature max. 85 °C diditional condition temperature range depending on cable quality Important installation notes  Vote on stain rotied Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (MS) Installation   Cable  vitor arrangement brown, black, blue Zable identification 210 Zable 17ype 1 1 3 sixer Color gray  yee of Certificate cUffus Xmount stranding 1 1 Stranding 3 wires twisted  vitor arrangement brown, black, blue Zable vegith 29,37 g/m Attential jacket PVC Shore hardness jacket 85 ± 5 Shore A  **Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter diameter (jacket) 45 ± 5% Shore D  Jouer diameter (jacket) 55 Shore D  Jouer diameter (jacket) 1,25 mm  Duter diameter (jacket) 1,25 mm  Jouer diameter (jacket) 1,25 mm  Jouer diameter (jacket) 1,25 mm  Duter diameter (jacket) 1,25 mm  Jouer diameter (jacket    | Mechanical data   Mounting data          |  |
| Operating temperature min.  -25 °C Operating temperature max.  85 °C Operating temperature max.  85 °C Operating temperature max.  45 °C Opera | Mounting method                          | inserted, screwed, Shaking protection  |
| perating temperature max. 85 °C depending on cable quality important installation notes of depending on cable quality important installation notes.   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN En 61076-2-114 (M8)  Installation   Cable    Triver arrangement brown, black, blue    Cable identification   210    Cable Type   1    Sale identification   2    Capture   1    Cable identification   2    Capture   2     | Environmental characteristics   Climatic |  |
| depending on cable quality  Important Installation notes  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Vire arrangement brown, black, blue  2able identification 2  1  1  1  1  1  1  1  1  1  1  1  1  1   | Operating temperature min.               | -25 °C   |
| Important installation notes  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable    Wire arrangement brown, black, blue  Cable identification 210  Zable Type 1  Cable identification 210  Zable Type 1  Stranding 1  Stranding 3 wires twisted  Wire arrangement brown, black, blue  Cable identification 210  Zable Type 1  Attential through the stranding 1  Stranding 1  Stranding 2  Attential picket PVC  Shore arrangement brown, black, blue  Cable identification 210  Attential through the stranding 1  Stranding 3 wires twisted  Wire arrangement brown, black, blue  Cable identification 257 g/m  Attential picket PVC  Attential picket PVC  Conformity 29,37 g/m  Attential picket PVC  Attential picket 185 ± 5 Shore A  Attential picket 185 ± 5 Shore A  Attential wire insulation PVC  Attential properties were insulation good machinability  Durer diameter insulation 45 ± 5 Shore D  Attential properties were insulation good machinability  Ingredient freeness wire insulati | Operating temperature max.               | 85 °C  |
| Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Virie arrangement brown, black, blue  Zable Type 1  Zable Weight 2  Zable Weight 29,37 g/m  Zable Weight 29,37 | Additional condition temperature range   | depending on cable quality   |
| Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Virie arrangement brown, black, blue  Zable Type 1  Zable Weight 2  Zable Weight 29,37 g/m  Zable Weight 29,37 | Important installation notes             |  |
| Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable   | •  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties |
| A  |  |  |
| Product standard   DIN En 61076-2-114 (MB)   | Note on bending radius                   |  |
| Installation   Cable         brown, black, blue           Zable identification         210           Zable Type         1           Jacket Color         gray           Type of Certificate         cURus           Whount stranding         1           Stranding         3 wires twisted           View earrangement         brown, black, blue           Zable weigth         29,37 g/m           Atterfal jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Olderance outer diameter (sheath)         ± 5 %           Attential writers         3           Duter diameter insulation         PVC           Amount wires         3           Duter diameter tolerance core insulation         ± 5 %           Afterial properties wire insulation         4 5 ± 5 Shore D           Afterial properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Whount strands (wire)         14           Diameter of single wires         0,15 mm           Ondu   | Conformity                               |  |
| vire arrangement         brown, black, blue           Cable identification         210           Cable Type         1           Lacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           Sable weight         29,37 g/m           Material jacket         PVC           Shore Andress jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Public diameter (jacket)         4,5 mm           Follerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter insulation         PVC           Amount wires         3           Duter diameter insulation         1,25 mm           Unter diameter tolerance core insulation         45 ± 5 Shore D           Alaterial properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire  | Product standard                         | DIN EN 61076-2-114 (M8)  |
| Cable identification         210           Zable Type         1           Laket Color         gray           Type of Certificate         cURus           Immount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Zable weigth         29,37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Voler-ance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter tolerance core insulation         1,25 mm           Under diameter tolerance core insulation         45 ± 5 Shore D           Alaterial properties wire insulation         45 ± 5 Shore D           Alaterial properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         14           Oiameter of single wires         0,15 mm           Oranductor crossection (wire)         0,25 mm² <td>Installation   Cable</td> <td></td>   | Installation   Cable                     |  |
| Cable Type         1           Jacket Color         gray           Uppe of Certificate         cURUS           Mount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           Zable weigth         29,37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Follorance outer diameter (shealth)         ± 5 %           Material wire insulation         PVC           Autori diameter insulation         1,25 mm           Duter diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           oppredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Mount strands (wire)         14           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,25 mm²           Jaterial conductor wire         Strand class 5           Conductor (yee (wire)         Strand class  | wire arrangement                         | brown, black, blue   |
| Acceptable   Color   Gray   Curtificate   CURIUS   | Cable identification                     | 210  |
| Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           2able weight         29,37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Adaterial properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         14           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,25 mm²           Adaterial zonductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Cor  | Cable Type                               | 1  |
| Amount stranding         1           Stranding         3 wires twisted           vire arrangement         brown, black, blue           Cable weigth         29,37 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Duter-diameter (jacket)         4,5 mm           Follogrance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           Duter diameter insulation         1,25 mm           Duter diameter tolerance core insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         14           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,25 mm²           Adaterial conductor wire         Strand class 5           Confuctor type (wire)         Strand class 5           Adminimized of single wires         0 DIN VDE 0298-4   | Jacket Color                             | gray   |
| Stranding 3 wires twisted  brown, black, blue  29,37 g/m  Alaterial jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Diolerance outer diameter (sheath) ± 5 %  Anaterial wire insulation PVC  Amount wires 3  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Alaterial conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  | Type of Certificate                      | cURus  |
| brown, black, blue  29,37 g/m  Material jacket  PVC  Shore hardness jacket  85 ± 5 Shore A  Freedom from ingredients (jacket)  Duter-diameter (jacket)  A,5 mm  Folerance outer diameter (sheath)  Edwardiameter insulation  PVC  Amount wires  3  Duter diameter tolerance core insulation  Afterial properties wire insulation  Afterial properties wire insulation  Material properties wire insulation  Jest Shore D  Material properties wire insulation  Afterial properties wire insulation  Jest Shore D  Material conductor wire  Jest Shore D  Jest S | Amount stranding                         | 1  |
| Cable weight 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Duter-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strande class 5  Mominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  | Stranding                                | 3 wires twisted  |
| Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Duter-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Mount strands (wire) 14 Diameter of single wires 0,15 mm Donuble of single wires 0,15 mm Donuble of single wires 0,25 mm² Material conductor wire Stranded copper wire, bare Donductor type (wire) Stranded capacity (standard) to DIN VDE 0298-4 Durrent load capacity min. wire 4,5 A  | wire arrangement                         | brown, black, blue   |
| Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Common load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A   | Cable weigth                             | 29,37 g/m  |
| Freedom from ingredients (jacket)  Duter-diameter (jacket)  4,5 mm  Folerance outer diameter (sheath)  Amount wires  Duter diameter insulation  PVC  Amount wires  3  Duter diameter insulation  1,25 mm  Duter diameter insulation  45 ± 5 Shore D  Material properties wire insulation  Material properties wire insulation  Amount strands (wire)  Diameter of single wires  Onductor crosssection (wire)  Diameter of single wires  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  Durer diameter (sheath)  4,5 mm  5 %  Head-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  14  Diameter of single wires  Onductor crosssection (wire)  One of the conductor wire of the condu | Material jacket                          | PVC  |
| Duter-diameter (jacket) 4,5 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Mount wires 3  Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14  Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A   | Shore hardness jacket                    | 85 ± 5 Shore A   |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Minount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Minount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A  | Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free   |
| Material wire insulation PVC Amount wires 3 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Mominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A   | Outer-diameter (jacket)                  | 4,5 mm   |
| Amount wires 3 Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation  Material properties wir | Tolerance outer diameter (sheath)        | ±5%  |
| Duter diameter insulation 1,25 mm  Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A  | Material wire insulation                 | PVC  |
| Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Mount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Mominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A  | Amount wires                             | 3  |
| Shore hardness wire insulation  Material properties wire insulation  Material properties wire insulation  I lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire)  14  Diameter of single wires  Conductor crosssection (wire)  Material conductor wire  Conductor type (wire)  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  to DIN VDE 0298-4  4,5 A  | Outer diameter insulation                | 1,25 mm  |
| Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A  | Outer diameter tolerance core insulation | ±5%  |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A  | Shore hardness wire insulation           | 45 ± 5 Shore D   |
| Amount strands (wire)  14  Diameter of single wires  0,15 mm  Conductor crosssection (wire)  0,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  to DIN VDE 0298-4  Current load capacity min. wire  4,5 A   | Material properties wire insulation      | good machinability   |
| Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,25 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Nominal voltage AC max. 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A   | Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, silicone-free   |
| Conductor crosssection (wire)  O,25 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  to DIN VDE 0298-4  Current load capacity min. wire  4,5 A   | Amount strands (wire)                    | 14   |
| Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A   | Diameter of single wires                 | 0,15 mm  |
| Conductor type (wire)  Strand class 5  Nominal voltage AC max.  300 V  Current load capacity (standard)  to DIN VDE 0298-4  Current load capacity min. wire  4,5 A   | Conductor crosssection (wire)            | 0,25 mm <sup>2</sup>   |
| Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A   | Material conductor wire                  | Stranded copper wire, bare   |
| Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,5 A  | Conductor type (wire)                    | Strand class 5   |
| Current load capacity min. wire 4,5 A  | Nominal voltage AC max.                  | 300 V  |
|  | Current load capacity (standard)         | to DIN VDE 0298-4  |
| Electrical resistance line constant wire 79 Ω/km @ 20 °C   | Current load capacity min. wire          | 4,5 A  |
|  | Electrical resistance line constant wire | 79 Ω/km @ 20 °C  |

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: 2024-06-26



| 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)              | 80 °C  |
| Flame resistance                                  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |