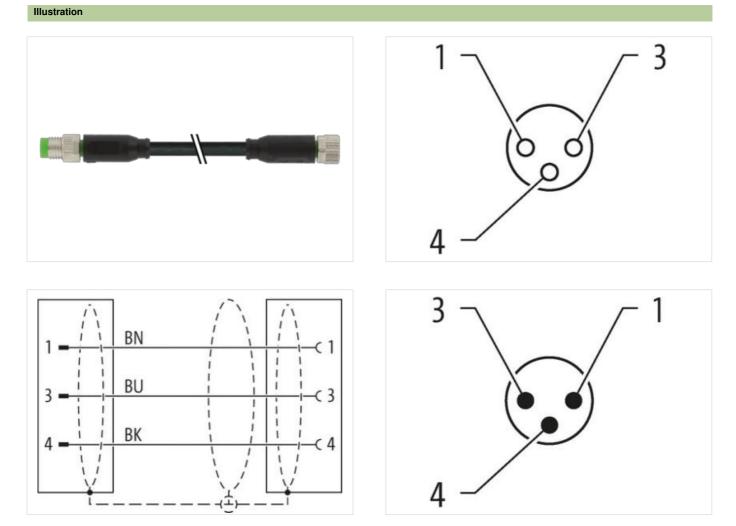


## M8 male $0^{\circ}$ / M8 female $0^{\circ}$ A-cod. shielded

PVC 3x0.34 shielded bk UL/CSA 3.3m

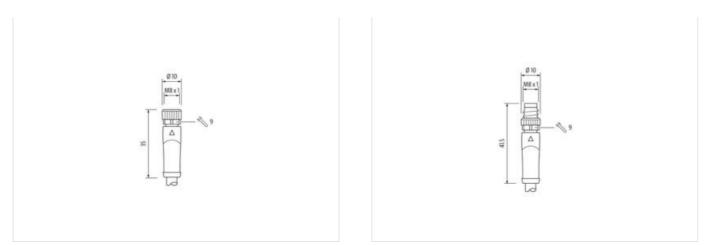
Male straight – female straight M8 – M8, 3-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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





Product may differ from Image



Cable length	3,3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
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	4048879624473
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed

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



Reter sugge voltage     1.5 kV       Material group (IEC 80064-1)     I       Mechanical doi: [Metrial data     Cantra jocking       Material housing     PUR       Looking mathed     Zinc die casting       Mechanical data [Mourling data     Mechanical data [Mourling data       Muruling method     insurted sortwood, Shuking protoction       Environmental characteristics [Climatic     Cooking (mathed)       Coporting (improvature max, BS °C     Cooking (mathed)       Additional condition temperature range     depending on cable quality       Important Installation noce     Mechanical data]       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable infortinstaucout     Disk     Distocking	Pollution Degree	3
Material group (IEC 60684-1)     I       Mechanical data [Material data     Conclump locking       Conting locking     PUR       Locking material     Zin dia casating       Mechanical data [Mouring data     Tice dia casating       Mechanical data [Mouring data     Inserted, screwed, Shaking protection       Environmental characteristics [Climical     Operating temperature min.       Operating temperature min.     25 °C       Operating temperature max     85 °C       Acaditonic temperature arge     depending on cable use law       Meterion: Coberow the permissible bending protection dates, e.g. by the usage of cable tes.       Note on brording radus     Detect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Contomity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Colabit Type     1       Jacket Color     black       Type of Califfacta		
Mechanical data   Material data       Costing locking     Nickled       Material housing     PLR       Locking maturial     Zins die oassing       Mechanical data   Mounting data     Nickled       Mounting mothod     inserted, serewad, Shuking protection       Environmental characteristics   Climatic     25 °C       Operating temperature max.     25 °C       Additional condition temperature range     depending on cable quality       Important Installation noter     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tites.       Note on stain relind     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tites.       Catomity     Therotors: Classere the permissible banding radii when laying cables, as the IP protection dass can be and angreed by accessive banding facili when laying cables, as the IP protection dass.       Catomity     Theodot 10 (Not 107 & 2.114 (M8)       Dasket Colo     Bank       Type of Carificate     UP lua       Anound stainding     Gable Robeing (orget band)       Stranding     Opper band, timed       Stranding     Stranding       Banding (orget band)     Strand       Stranding <td< td=""><td></td><td></td></td<>		
Caling locking     Nickeled       Material housing     PUR       Cooking material     Circ de-casting       Mactrial cooking material     Inserted, screwed, Shaking protection       Dorating tomperature min.     25 °G       Operating tomperature max.     85 °G       Additional condition tomperature may.     85 °G       Additional condition tomperature may.     85 °G       Note on stain nelled     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Coherow the proteoside bending matiburbe laying cables, as the IP protection diass can be andragered by excessive bending forces.       Poduct stardard     Dis Rb 1076 2-114 (M8)       Databation (Cohe     1       Cable of Cohero     1       Operating (type)     1       Stardard     Dis Rb 61076 2-114 (M8)       Databation (Cohe     1       Cable of Cohero     1       Stardard     Dis Rb 61076 2-114 (M8)       Stardarding     0       Databation (Cohero     1       Cable of Cohero     1       Databation (Cohero     1       Stara		
Material housing     PUR       Locking material     Zin die-casing       Mechanical dia [Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Operating temperature max.       Operating temperature max.     85 °G       Operating temperature max.     85 °G       Additional condition temperature range     depending on cable quality       Important Installation notes     Inserted, screwed, Shaking protection       Note on train relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Additional condition temperature range     depending on cable quality       Inserted, screwed by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables.	•	Nickolod
Laoking material     Zinc die-casting       Mechanical data [Mounting data       Mounting method     isserted, screwed, Shaking protection       Environmental characteristics [Climatic       Operating temperature max.     25 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Nole on obriding radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by soccesive bending forces.       Contornity     Environmental loads, e.g. by the usage of cable files.       Cable of heritication     600       Cable forpf     1       Jacket Color     Back       Type of Certificate     CURus       Annual stranding     1       Stranding     95 %       Cable shelding (coverage)     80 %       Stranding     95 %       Cable shelding (coverage)     80 %       Bandrig     File Cover       Stranding     95 %       Cable shelding (coverage)     80 %       Cable shelding (coverage)     80 %		
Mechanical data   Mounting data     Inserted, scrowed, Shaking protoction       Environmental characteristics   Climatic Operating imperature main.     25 °C       Operating imperature main.     25 °C       Additional condition temperature map.     diponding on cable quality       Important installation notes     Important installation notes       Note on strain roll of     Protoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bonding radius     Attention: Observe the permissible bending tradii when laying cables, as the IP protoction class can be enderinger obly excessible bending brocks.       Conomity     Protoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Attention: Observe the permissible bending tradii when laying cables, as the IP protoction class can be endering to the strain office.       Cable identification     600       Cable identification <td></td> <td></td>		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Comparing integretature min.     -25 °C       Operating integretature max.     85 °C     Comparing integretature max.     85 °C       Additional condition temperature may     depending on cable quality     Comparing integretature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Contornity     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Cotornity     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Cable and trape     Floads strain relief     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Cable and trape     Floads strain relief     Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Cable and the distribution relief (soft of strain relief o	,	
Environmental characteristics   Climatic	Mechanical data   Mounting data	
Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and ingread when laying cables, as the IP protection class can be and ingread by accessible bending forces.       Conformity     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 and ingread by accessible bending forces.       Conformity     Protect standard       Product standard     DIN EN 61076-2-114 (M8)       Cable chefication     600       Cable totalitation     600       Cable Color     black       Type of Corfficate     OLPus       Amount stranding     1       Stranding     3 wires twisted       Cable shielding (type)     coper traid, finned       Cable shielding (coverage)     80 %       Banding     Fleese. Foll       wire arangement     brown, black, blue       Cable shielding (coverage)     85 ± 5 Shore A       Freedom from ingredients (gackt)	-	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation networks     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Excessive bending forces.       Product standard     DIN EN 61076-2-114 (M8)       Installation I Cable     Cable Toppe       Cable of top     1       Jacket Color     black       Type of Certificate     cDRus       Amount stranding     1       Stranding     3 wires twisted       Cable shelding (type)     copper braid, finned       Cable shelding (type)     copper braid, finned       Cable weight     52,8 g/m       Material jacket     PVC       Shore Aardness jacket     85 ± 5 Shore A       Freedom from inguistris (jacket)     5 m       Outer diameter (jacket)     5 mm       Coler dia	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on brinding radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-114 (M8)       Installation I Cable     Cable indentification       Cable identification     600       Cable Type     1       Jacket Color     black       Type of Certificate     cUFus       Annount stranding     1       Stranding     3 wires twisted       Cable shielding (type)     copper braid, finned       Cable shielding (type)     copper braid, finned       Cable shielding (soverage)     80 %       Banding     Fleece, Foil       wife arrangement     brown, black, blue       Cable weight     52,8 g/m       Material jacket     PVC       Shore hardness jacket     85 1: 5 Shore A       Freedom from ingredients (jacket)     fm       Outer diamete	Operating temperature min.	-25 °C
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii when laying cables, as the IP protection class can be endinged by excessive bending radii of the class can be endinged by excessive bending radii of the class can be endinged by excessive bending radii of the rad	Operating temperature max.	85 °C
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Concornity     Endated the IP protection class can be endangered by excessive bending forces.       Installation (Cable Cable Type     Installation (Cable Cable Type       Cable Identification     600       Cable Color     black       Type of Certificate     c.URus       Amount stranding     1       Stranding     3 wires twisted       Cable shielding (type)     copper braid, finned       Cable shielding (coverage)     80 %       Banding     Freece, Foil       wire arrangement     brown, black, blue       Cable weigh     52.8 g/m       Cater dimeter (facket)     55 % Shore A       Freedom from ingredients (jacket)     55 % Shore A       Freedom from ingredients (jacket)     5 %       Outer diameter (facket)     5 %       Outer diameter (iacket)     5 %       Outer diameter (iacket)     5 %       Shore hardness wire insulation     4	Additional condition temperature range	depending on cable quality
Note on bending radius     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     Cable identification     600       Cable identification     600     Cable identification     Cable identification     Good       Cable of type     1     Jacket Color     black     Type of Certificate     culRus       Amount stranding     1     Stranding     3     wises twisted       Cable shielding (type)     copper braid, tinned     Cable shielding (coverage)     80 %       Banding     Fieeder, Foil     wire arrangement     brown, black, blue       Cable weight     52.8 g/m     Material jacket     PVC       Shore hardmess jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (saket)     5 %     Store A     Store A       Freedom from ingredients (jacket)     5 %     Store A     Store A       Outer diameter (saket)     5 %     Store A     Store A       Freadom from	Important installation notes	
Number Number     endangered by excessive bending forces.       Contermity       Product standard     DIN EN 61076-2-114 (M8)       Installation (Gabe     600       Cable identification     600       Cable identification     600       Cable Identification     600       Cable Type     1       Jacket Color     black       Type of Continate     cJIRus       Amount stranding     1       Stranding     swires twisted       Cable shielding (type)     copper braitste       Cable shielding (type)     filtste       Cab	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076-2:114 (M8)       Installation   Cable     Component of the standard       Cable identification     600       Cable identification     600       Cable identification     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     swires twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (toverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue       Cable weigh     52.8 g/m       Material jacket     PVC       Shore hardness jacket     55 ± 5 Shore A       Freedom from ingredients (jacket)     is dard free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material progredients (jacket)     5 %       Shore hardness wire insulation     1,25 mm       Outer diameter insulation     45 ± 5 Shore D       Material progredient signate     3       Outer diameter bolerance core insulation </td <td>Note on bending radius</td> <td></td>	Note on bending radius	
Product standard     DIN EN 61076-2:114 (M8)       Installation   Cable     Component of the standard       Cable identification     600       Cable identification     600       Cable identification     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     swires twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (toverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue       Cable weigh     52.8 g/m       Material jacket     PVC       Shore hardness jacket     55 ± 5 Shore A       Freedom from ingredients (jacket)     is dard free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material progredients (jacket)     5 %       Shore hardness wire insulation     1,25 mm       Outer diameter insulation     45 ± 5 Shore D       Material progredient signate     3       Outer diameter bolerance core insulation </td <td>Conformity</td> <td></td>	Conformity	
Cable identification     600       Cable Type     1       Jacket Color     black       Type of Cortificate     cURus       Amount stranding     1       Stranding     3 wires twisted       Cable shielding (type)     copper braid, timed       Cable shielding (coverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue       Cable weigth     52.8 g/m       Material jacket     PVC       Shore hardmess jacket     85.5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter tolerance core insulation     ± 5 %       Material wire insulation     1.25 mn       Outer diameter tolerance core insulation     ± 5 5 Shore D       Material wire insulation     1.9       Diameter of single wires     0.15 mn       Conductor cossectin (wire)     1.9		DIN EN 61076-2-114 (M8)
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Follwire arrangementbrown, black, blueCable veigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadinum-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material jarketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadinum-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Shore hardness wire insulation± 5 Shore DMaterial properties wire insulation± 5 Shore DMaterial properties wire insulation5 ± 5 Shore DMaterial properties wire insulationgod machinabilityIngredient freeness wire insulation19Diameter of single wires0,15 mmConductor vireStranded copper wire, bareConductor vire	Installation   Cable	
Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     80 %       Banding     Fleece, Foil       wire arrangement     brown, black, blue       Cable weigh     52,8 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter (sheath)     ± 5 %       Shore hardness wire insulation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     45 ± 5 Shore D       Material properties wire insulation     45 ± 5 Shore D       Material properties wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     19       Di	Cable identification	600
Type of CertificatecURusAmount stranding1Stranding3 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blueCable weigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (shealth)± 5 %Material jornee3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulation19Diameter of single wires0,15 mmConductor wire0,34 mm²Amount strands (wire)19Diameter of single wires0,15 mmConductor wire5.4 mm²Amount strands (wire)5.4 mm²Material properties wire insulation1ead-free, caffree, calicone-freeAmount strands (wire)9.34 mm²Material conductor wireStrande coper wire, bareConductor wireStrande coper wire, bareConductor wireStrande coper wire, bareConductor wireStrande coper wire, bareConductor type (wire)Strande coper wire, bareConductor type (wire)Strande coper wire, bareCon	Cable Type	1
Amount stranding   1     Amount stranding   3 wires twisted     Cable shielding (type)   copper braid, tinned     Cable shielding (coverage)   80 %     Banding   Fleece, Foil     wire arrangement   brown, black, blue     Cable weigth   52,8 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 5 Shore D     Material properties wire insulation   45 ± 5 Shore D     Material properties wire insulation   45 ± 5 Shore D     Material properties wire insulation   45 ± 5 Shore D     Material properties wire insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 5 Shore D     Material properties wire insulation   1,25 mm     Outer diameter tolerance core insulation   45 ± 0 Shore P	Jacket Color	black
Stranding3 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blueCable weigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material vire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulation19Diameter of single wires0,15 mmConductor wireStrande copper wire, bareConductor type (wire)Strande copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Type of Certificate	cURus
Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blueCable weigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCArmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter solution1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor wireStranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor type (wire)Stranded copper wire, bareNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount stranding	1
Cable shielding (coverage)   80 %     Banding   Fleece, Foil     wire arrangement   brown, black, blue     Cable weigth   52,8 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Arount wires   3     Outer diameter insulation   1,25 mm     Outer diameter insulation   45 ± 5 Shore D     Material properties wire insulation   45 ± 5 Shore D     Material properties wire insulation   lead-free, cadmium-free, CFC-free, silicone-free     Amount strands (wire)   19     Diameter of single wires   0,15 mm     Conductor type (wire)   Strand cass 5     Nominal voltage AC max.   300 V     Contuctor type (strand capacity (standard)   to DIN VDE 0298-4	Stranding	3 wires twisted
BandingFleece, Foilwire arrangementbrown, black, blueCable weigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial wiresgood machinabilityIngredient freeness wire insulationlead-free, cAdmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor orsesection (wire)0,34 mm²Material ionductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Cable shielding (type)	copper braid, tinned
wire arrangementbrown, black, blueCable weigth52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation19Diameter of single wires0,15 mmConductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor vireStrand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Cable shielding (coverage)	80 %
Cable weight52,8 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Banding	Fleece, Foil
Material jacket   PVC     Shore hardness jacket   BS ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core 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)   19     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,34 mm²     Material conductor wire   Stranded copper wire, bare     Conductor wire   Stranded copper wire, bare     Conductor wire   Stranded copper wire, bare     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4	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)   5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core 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)   19     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,34 mm²     Material conductor wire   Stranded copper wire, bare     Conductor vire   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	Cable weigth	52,8 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Material jacket	PVC
Outer-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgod machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor vireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer-diameter (jacket)	5 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Material wire insulation	PVC
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount wires	3
Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter insulation	1,25 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire)19Diameter of single wires0,15 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Material properties wire insulation	good machinability
Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,34 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	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire)   0,34 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	Amount strands (wire)	19
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	Diameter of single wires	0,15 mm
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Nominal voltage AC max. 300 V   Current load capacity (standard) to DIN VDE 0298-4	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4	Conductor type (wire)	Strand class 5
	Nominal voltage AC max.	300 V
Current load capacity min. wire 6 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	6 A
Electrical resistance line constant wire 57 Ω/km @ 20 °C	Electrical resistance line constant wire	57 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: 2024-05-02



AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	00 °C
UV resistance	DIN EN ISO 4892-2 A
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 (fixed)	10 x Outer diameter

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