

M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 3m

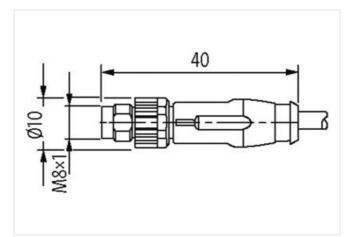
Male straight – female straight M8, 5-pole B-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

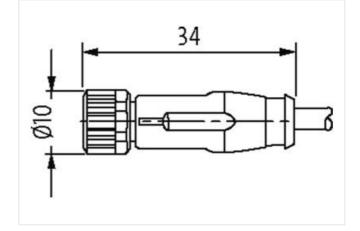
## Link to Product

Illustration



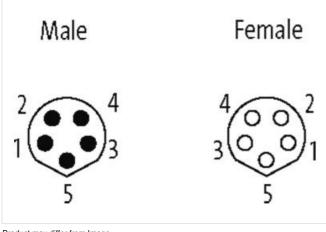
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Product may differ from Image



Cable length	3 m	
Side 1		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
Coding	В	
Material contact	Copper alloy	
No. of poles	5	
Width across flats	SW9	
Side 2		
Tightening torque	0,4 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M8	
Thread	M8 x 1	
Coding	В	
Material contact	Copper alloy	
No. of poles	5	
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	4048879736244	

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Actuality dataA commercialCyrenting valuage AC max.30 VOperating valuage AC max.3 ADisportici3 ADisportici3 ADisportici0 CStable indication LEDnoInstallation I Commercian100Device protection [Electrical100Device protection [Electrical100 NIDevice protection [Electrical100 NIMarting valuage AC32Patherin Ling Martin Ling Marti	Packaging unit	1
Operating voltage AC max.30 VOperating voltage pC max.30 VOperating voltage pC max.30 VOperating voltage pC max.30 VDiagnosticsnoDiagnosticsnoDiagnostics100Diverse protection (Electrics)100Diverse protection (Electrics)100Diverse protection (Electrics)100Diverse protection (Electrics)100 NAddimal condition protection degreenested, karowedPollution Darges32 CFinalisation Condition (Electrics)100 NMaterial adation100 NMaterial protection (Electrics)200 CContage loopingNosededMaterial protection (Electrics)200 CContage loopingNosededMaterial protection (Electrics)200 CContage loopingNosededMaterial protection (Electrics)200 CContage looping100 CContage looping200 CContage looping200 CContage looping and the electrics)200 CContage looping and the electrics (Electrics)200 CContage looping and the electrics)200 C <t< td=""><td></td><td></td></t<>		
Overent operating per contact max.     3 A       Durrent operating per contact max.     3 A       Designostic     Statu Infication LED       Installation   Connection     Installation   Connection       Maing cycles min.     100       Device protection   Electrical     Installation protection devices arewed       Polition Device protection   Electrical     Installation   Connection       Maing cycles min.     100 MC       Machanical data   Material data     Conting Coching       Conting Coching     Nickeld       Material gasta     FKM       Material pasta     FVI       Conting tomporature min.     -30 *G       Operating temperature min.     -30 *G       Operating temperature max.     80 *G       Additional contificant temperature paramater max.     80 *G       Material protection temperature paramater max.		20.1/
Current operating per contact max.     3 A       Diagnostic     Institution LED     no       Institution ICD     no       Institution ICD     100       Device protection IE Electrical     Degree of protection (EN IEC 60526)     1977       Additional condition protection degree     Inserted, sorewed     Pollution Degree     32       Insultation restance min.     100 MG     Material gasket     FXA       Material gasket     FXA     Total decomposition (EN IEC 60526)     1977       Locking material     100 MG     Material gasket     FXA       Material gasket     FXA     Material gasket     FXA       Material proving     TPU     Locking material     Locking material       Locking mathrial     Zinc die casiling     Material gasket     FXA       Mounting mathrial     Zinc die casiling     Material gasket     FXA       Deparating temperature max.     39 °G     Operating temperature max.     B1°G       Additional condition temperature range     depending on cable quality     Impacer the particution class, as the IP protection class can be anticution temperature max.     B1°G       Add		
Despective     Selection       Statis ation Connection     Institution Connection       Adding orgens min.     100       Device or protection [Exercid]     InF7       Adding orgens protection selections     InF87       Material pasked     Nickeled       Material pasked     PR44       Operating temperature max.     PR40       Operating temperature max.     PR40       Adding or		
Basis indication LED     no       Installation   Connection     IOI       Installation   Connection     IOI       Device protection   Electrical     IPO7       Additional condition protection device     IPO7       Machanical data   Material data     IPO7       Coding locking     IPO7       Machanical data   Material data     IPO7       Material gaskit     IPO8       Material gaskit     IPO4       Locking moderial     Incode casting       Material position (IPOR IEC ADAR)     IPO4       Locking moderial     Incode casting       Material position (IPOR IEC ADAR)     IPO4       Locking moderial tomoreal data / Material position     IPO4       Device protection (IEC REC ADAR)     IPO4  <		3 A
Instiluition (Connection)     Ioi       Barling cycles min.     100       Device protection [Electrical     IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     282       Insulation restatance min.     100 MQ       Mechanical data     Material data       Coaling locking     Nickeled       Material gasket     FKO       Material pasket     FKO       Portection pasket department     Standard department       Operating integretative max.     Standard department       Operating integretative max.     Standard department       Note on strain relief     Pottert the connectors by suitable measures from mechanical loada, e.g. by the uses can be adard general by exoseasive be	Diagnostics	
Maing oyder min.     100       Device of protection   Election     IPe7       Additional condition protection degree     ise of protection (EN IEC 60628)       Polution Degree     32       Issultation resistance min.     100 MAC       Mechanical data   Material data     Material no.       Mechanical data   Material data     FKM       Material no.     TPU       Carding individia     TPU       Locking material     Zinc dio casting       Mechanical data   Mounting data     TPU       Uning method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Climatic       Operating temperature min.     30 °C       Operating temperature min.     30 °C       Additional condition temperature range     depending on cable quality       Departing temperature min.     30 °C       Additional condition temperature range     depending on cable quality       Installation notes     Mechanical data (scale connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Note on ending radius     Additional connectors by suitable measures from mechanical loads. e.g. by the usage of cable lies.       Noteo	Status indication LED	no
Device protection   Electrical     PB7       Degree of protection (EN EC 60523)     PB7       Additional condition protection degree     insulation condition protection degree       Pollution Degree     32       Insulation resistance min.     100 MQ       Mechanical data   Material data     FMM       Material pusition resistance min.     Since do casting       Material pusition resistance min.     Since do casting       Mechanical data   Mounting data     Turo U       Locking material     Since do casting       Mechanical data   Mounting data     Since do casting       Mechanical data   Mounting method     issered, strewed, Shaking protection       Coparating temperature min.     30 °C       Oparating temperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C       Note on tastian notel     Protect the connectors by suitable measures from mechanical loads, e, p. the usage of cable lise.       Note on tastian notel     Forwn, white, black, blue, gray       Cable identification     95       Cable identification     95       Cable identification     95 %	Installation   Connection	
Degree of protection (EN IEC 60629)     IP67       Additional condition protection degree     Inserted, screwed       Pulntion Degree     9/2       Insulation resistance min.     100 MQ       Mechanical data   Material data     Vector       Costing locking     Nickeled       Material gasket     FKM       Material pasket     FKM       Mechanical data   Mounting data     TPU       Mechanical data   Mounting data     Screwed, Shaking protection       Mechanical data   Mounting data     Screwed, Shaking protection       Poperating temperature min.     30 °C       Operating temperature min.     80 °C       Additional condition temperature range     depending on cable quality       Mounting method     So °C       Additional condition temperature range     depending on cable quality       Motort Installation notes     So °C       Additional condition temperature range     depending on cable quality       Motort Installation     Brotec the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on starin gradu     Vorow, white, black, blue, gray       Cable stentification     695	Mating cycles min.	100
Additional condition protection degree     inserted, screwed       Pollution Degree     3/2       Insulation resistence min.     100 MQ       Mechanical data   Material data     Coalang looking       Material pasket     FKM       Material pasket     FKM       Material pasket     FKM       Mechanical data   Mounting data     Zinc die-coasting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     30 °C       Operating temperature min.     40 °C     Operating temperature max.     80 °C       Additional condition temporature ranze     depending on cable quality     Inportant installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Instaliation Cable     Uniter arrangement     Erversesive bending forces.       Instaliation Cable     Uniter arrangement     So °C       View arrangement     Drown, white, black, blue, gray       Material jacid     PUR       Outer diameter (ideati)     4.7 mm       Tolerance outer diameter (ideati)     5	Device protection   Electrical	
Pollution Degree     3/2       Insulation resistance min.     100 MQ       Mechanical data   Material data     Costing loching       Costing loching     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Material pasket     Code-casting       Mechanical data   Mounting data     Incode-casting       Mourting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Size       Operating temperature min.     -30 °C       Operating temperature rank.     80 °C       Additional constition temperature rank.     80 °C       Mode on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Additional Costification     695       Isolation (Costification)     695       Jacket Color     Back       Amount stranding     1 <td>Degree of protection (EN IEC 60529)</td> <td>IP67</td>	Degree of protection (EN IEC 60529)	IP67
Insulation resistance min.     100 MΩ       Mechanical data   Material data       Coating locking     Nickeled       Material asset     FKM       Material asset     FKM       Material asset     FKM       Material asset     TPU       Locking material     Zino die-casting       Mechanical data   Mounting data     TPU       Mounting method     inserted, screwed. Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature min.     -30 °C       Additional condition temperature range     depending on cable quality       Portent installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by excessive bending forces.       Installation (Cable)     Frotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Material asket     Form, while, black, blue, gray       Cable identification     695       Jacket Color     black       Amount strainding     1       Stranding     5       Outer diameter (igsket)     4.7 mm       Tolerance outer diamete	Additional condition protection degree	inserted, screwed
Mechanical data   Material data       Coating locking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material positing     TPU       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Comparing temperature max.       00 or C     Addition temperature max.       00 or C     Addition temperature max.       00 or C     Addition condition temperature max.       00 or C     Addition condition temperature max.       00 or C     Addition condition temperature max.       00 or C     Addition acting field       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.       Installation (Cable     Meterial meterial when laying cables, as the IP protection dass can be envingered by excessive bending radi when laying cables, as the IP protection dass can be envingered by excessive badity for eas.       Installation (Cable     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation (Cable<	Pollution Degree	3/2
Coating locking     Nickeled       Material pasket     FKM       Material pasket     FKM       Material housing     TPU       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, sorewed, Shaking protection       Environmental characteristics [ Climatic     50 °C       Operating temperature max.     80 °C       Additional condition temperature may.     60 °C       Additional condition temperature may.     60 °C       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Sorwan, white, black, blue, gray	Insulation resistance min.	100 ΜΩ
Coating locking     Nickeled       Material pasket     FKM       Material pasket     FKM       Material housing     TPU       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, sorewed, Shaking protection       Environmental characteristics [ Climatic     50 °C       Operating temperature max.     80 °C       Additional condition temperature may.     60 °C       Additional condition temperature may.     60 °C       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain field     Sorwan, white, black, blue, gray	Mechanical data   Material data	
Material gasket     FKM       Material housing     TPU       Locking material     Zine die-casting       Mechanical data / Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics / Climatic     Operating temperature min.       Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     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.       Note on strain relief     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.       Installation (Cable	•	Niekolod
Material housing     TPU       Locking material     Zinc die-casting       Mechanical data   Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Additional condition temperature range       Important installation notes     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.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Installation   Cable     brown, white, black, blue, gray       Cable identification     695       Jacket Colr     black       Amount stranding     1       Stranding     5 wires twisted       Write arangement     brown, while, black, blue, gray       Outer-diameter (jacket)     4.5 %       Outer-diameter (jacket)     4.5 %       Outer diameter (barter)     4.5 % <td></td> <td></td>		
Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -30 °C       Operating temperature man.     80 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Incent 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.       Installation [ Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation [ Cable     View arrangement     brown, white, black, blue, gray       Cable identification     695     Jacket Color       Jacket Color     black     Amount stranding     1       Stranding     5 wires twisted     Stranding     Stranding       Tolerance outer diameter (sheath)     ± 5 %     Material wire insulation     PP       Amount wires     5     Color     Jacket Color     Jacket Color     Jacket Color     Jacket Color     Jacket Color     Jacket Color	-	
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -30 °C       Operating temperature min.     -80 °C	8	
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatu       Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Environmental characteristics   Climatu       Note on strain relief     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.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Installation   Cable     brown, white, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       Wire arrangement     brown, white, black, blue, gray       Outer-diameter (jacket)     4.7 mm       Outer-diameter (jacket)     1       Outer-diameter (jacket)     1.5 %       Audurt wires     5       Outer diameter (sheath)		
Environmental characteristics   Climatic       Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature maye     depending on cable quality       Important installation notes     Nole on strain relief       Nole on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     brown, white, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       wire arrangement     brown, white, black, blue, gray       Material jacket     PUR       Outer diameter (jacket)     4,7 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     5       Outer diameter tolerance core insulation     1,2 mm       Outer diameter tolerance core insulation     ± 5 %       Material wire insulation     22		
Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature mage     depending on cable quality       Important Installation notes     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.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Event while, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       wire arrangement     brown, white, black, blue, gray       Outer-diameter (jacket)     4.7 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     5       Outer diameter tolerance core insulation     1.2 mm       Outer diameter tolerance core insulation     1.2 mm       Conductor rossection (wire)     0.25 mm²       Material wire insulation	-	
Operating temperature max.     80 °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 ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     brown, white, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       wire arrangement     brown, white, black, blue, gray       Quter-diameter (jacket)     4.7 mm       Tolerance outer diameter (sheath)     ± 5 %       Material jacket     PUR       Outer diameter insulation     1.2 mm	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Additional condition temperature range     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Vector bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Vector black     Vector bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     brown, white, black, blue, gray     Vector black       Cable identification     695     Vector black       Amount stranding     1     Stranding     5 wires twisted       Write arrangement     brown, white, black, blue, gray     Material jacket     PUR       Outer-diameter (jacket)     4.7 mm     Vector black     Vector black       Material wire insulation     PP     Amount wires     5       Outer diameter insulation     1.2 mm     Vector black     Material score core insulation     1.5 %       Amount strands (wire)	Operating temperature min.	-30 °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 endangered by excessive bending forces.       Installation   Cable     wrise arrangement     brown, white, black, blue, gray       Cable identification     695	Operating temperature max.	80 °C
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 endangered by excessive bending forces.       Installation   Cable     Forward and the protection class can be endangered by excessive bending forces.       Write arrangement     brown, white, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       wire arrangement     brown, white, black, blue, gray       Outer-diameter (jacket)     PUR       Outer-diameter (jacket)     4,7 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount strands     5       Outer diameter insulation     1,2 mm       Outer diameter insulation     1,2 mm       Outer diameter tolerance core insulation     ± 5 %       Material wire     32       Diameter of single wires     0,1 mm       Conductor wires     0,25 mm²       Material wire insulation     2.5 mn²	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.       Installation   Cable       wire arrangement     brown, white, black, blue, gray       Cable identification     695       Jacket Color     black       Amount stranding     1       Stranding     5 wires twisted       wire arrangement     brown, white, black, blue, gray       Material jacket     PUR       Outer-diameter (jacket)     4,7 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount strands (wire)     32       Outer diameter insulation     1.2 mm       Outer diameter insulation     1.2 mm       Outer diameter or insulation     1.2 mm       Outer diameter or single wires     0.1 mm       Conductor rorssection (wire)     0.25 mr <sup>2</sup> Diameter of single wires     0.1 mm       Conductor type (wire)     strande copper wire, bare       Conductor type (wire)     strande copper wire, bare       Conductor type (wire)     tsrande copper wire, bare	Important installation notes	
Note on Deficinity Factors   endangered by excessive bending forces.     Installation   Cable     wire arrangement   brown, white, black, blue, gray     Cable identification   695     Jacket Color   black     Amount stranding   1     Stranding   5 wires twisted     wire arrangement   brown, white, black, blue, gray     Material jacket   PUR     Outer-diameter (jacket)   4,7 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   5     Outer diameter tolerance core insulation   1,2 mm     Outer diameter tolerance core insulation   ± 5 %     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor corsescetion (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangementbrown, white, black, blue, grayCable identification695Jacket ColorblackAmount stranding1Stranding5 wires twistedwire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount wires5Outer diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Note on bending radius	
Cable identification695Jacket ColorblackAmount stranding1Stranding5 wires twistedwire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor wireStranded copper wire, bareConductor wireStranded copper wire, bare </td <td>Installation   Cable</td> <td></td>	Installation   Cable	
Cable identification695Jacket ColorblackAmount stranding1Stranding5 wires twistedwire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	wire arrangement	brown, white, black, blue, gray
Amount stranding1Stranding5 wires twistedwire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4		695
Stranding5 wires twistedwire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter tolerance core insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Jacket Color	black
wire arrangementbrown, white, black, blue, grayMaterial jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount stranding	1
Material jacketPUROuter-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Stranding	5 wires twisted
Outer-diameter (jacket)4,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	wire arrangement	brown, white, black, blue, gray
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)to DIN VDE 0298-4	Material jacket	PUR
Material wire insulationPPAmount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer-diameter (jacket)	4,7 mm
Amount wires5Outer diameter insulation1,2 mmOuter diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Tolerance outer diameter (sheath)	±5%
Aniount wires   1,2 mm     Outer diameter insulation   ± 5 %     Amount strands (wire)   32     Diameter of single wires   0,1 mm     Conductor crosssection (wire)   0,25 mm²     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4	Material wire insulation	PP
Outer diameter tolerance core insulation± 5 %Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount wires	5
Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter insulation	1,2 mm
Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Outer diameter tolerance core insulation	±5%
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Amount strands (wire)	32
Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4	Diameter of single wires	0,1 mm
Conductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4	Conductor crosssection (wire)	0,25 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 6
	Nominal voltage AC max.	300 V
Current load capacity min. wire 4,8 A	Current load capacity (standard)	to DIN VDE 0298-4
	Current load capacity min. wire	4,8 A

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Electrical resistance line constant wire	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	7,5 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Travel speed (C-track)	3 m/s

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