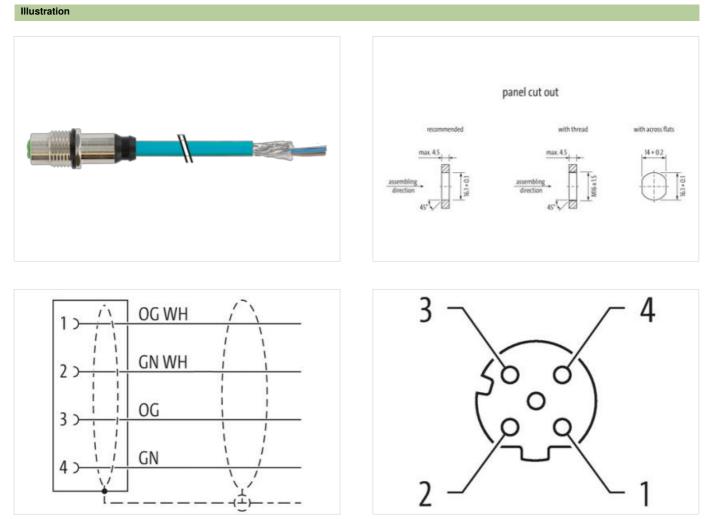


M12 female recept. D-cod. shielded rear

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 0.3m

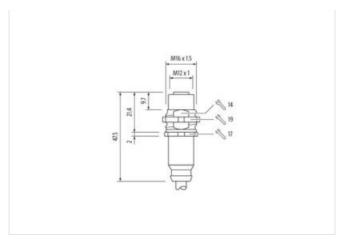
Ethernet CAT5 Flange female M12, 4-pole D-coded shielded Rear mounting USA Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

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: 2024-05-19





Product may differ from Image



Cable length	0,3 m		
Side 1			
Mounting method	inserted, screwed		
Family construction form	M12		
Thread	M12 x 1		
Coding	D		
No. of poles	4		
Width across flats	SW14		
Degree of protection (EN IEC 60529)	IP67		
Side 2			
Stripping length (jacket)	20 mm		
Family construction form	free cable end		
Commercial data			
ECLASS-6.0	27279220		
ECLASS-7.0	27440103		
ECLASS-8.0	27440103		
ECLASS-9.0	27440103		
ECLASS-10.1	27440103		
ECLASS-11.1	27440103		
ECLASS-12.0	27440103		
ETIM-5.0	EC002599		
customs tariff number	85444290		
GTIN	4048879599962		
Packaging unit	1		
Electrical data Supply			
Operating voltage DC max.	60 V		
Current operating per contact max.	1,5 A		
Industrial communication			
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)		
Data transmission rate max.	100 MBit/s		
Industrial communication Ethernet fu	Industrial communication Ethernet functionality		

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: 2024-05-19



Device protection Electrical Insertion NEMA 3, 4, 6P Additional condition protection degree insertion, screwed Insertion, screwed Publicin Depries 3 3 Rated scarge voltage 1,5 kV Maxing group (ECE 6064-1) 1 Environmental characteristics Climak 25 ° C Operating temperature may 65 °C Operating temperature may 65 °C Operating temperature may depending on cable quality Important institution temperature may depending on cable quality Decide the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Attention: Cheever the parmissible bending radi when laying cables, as the iP protection class can be endengreed by eacessive bending fores. Decide testificant Cable definition Cheb Eace Calles continue Calles continue Standing (type) Veries visited Standing (type) Standing (type) Standing (type) 2 Stranding (type) Standing (type) Standing (type) Cable definition (table) Standing (type) Standing (type) Standing (type) Cable definition (table) Standing (type) Standing (type) Standing (type)	duplex	Full duplex
Device protection Electrical Insertion NEMA 3, 4, 6P Additional condition protection degree insertion, screwed Insertion, screwed Publicin Depries 3 3 Rated scarge voltage 1,5 kV Maxing group (ECE 6064-1) 1 Environmental characteristics Climak 25 ° C Operating temperature may 65 °C Operating temperature may 65 °C Operating temperature may depending on cable quality Important institution temperature may depending on cable quality Decide the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Attention: Cheever the parmissible bending radi when laying cables, as the iP protection class can be endengreed by eacessive bending fores. Decide testificant Cable definition Cheb Eace Calles continue Calles continue Standing (type) Veries visited Standing (type) Standing (type) Standing (type) 2 Stranding (type) Standing (type) Standing (type) Cable definition (table) Standing (type) Standing (type) Standing (type) Cable definition (table) Standing (type) Standing (type) Standing (type)	Installation Connection	
Protection NEMA 3,4,8P Additional condition protection degree inserted, serveed Additional condition protection degree 3 Parated surge voltage 1 Deparating temperature man. 25 °C	Stripping length (jacket)	20 mm
Protection NEMA 3,4,8P Additional condition protection degree inserted, serveed Additional condition protection degree 3 Parated surge voltage 1 Deparating temperature man. 25 °C	Device protection Electrical	
Additional condition production degree inserted, screwed Prolution Degree 3 Additional condition production degree 1.5 N Material proxy (IEC 8066-1) I Environmental characteristics Climatic 25 °C Operating temperature max. 85 °C Additional condition tompeature max. 85 °C Additional condition tompeature max. 85 °C Additional condition tompeature max. 85 °C Note on bending radius Attention: Condition tompeature max. Additional condition tompeature max. Attention: Condition tompeature max. Additional condition tompeature max. Attention: Condition towage of cable less. Note on bending radius Attention: Condition towage of cable less. Additional Condition S41 Jacket Color teal Type of cartification CPLus Arround strandely 2 stranded pints twisted Stranding (type) Metal Reece Cable shifteding (corang) 75 % Banding Jacket TPE Freedon tom ingredients (gaket) 15 % Attention service (sature data)	• •	3.4.6P
Paluan Degree 3 Rated suppervoltage 1,5 kV Marend yroup (PC 6068k-1) I Environmental characteristics (Climatic 25 °C Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Important Installation note: Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Installation Cable Environmental characteristics (Limatic Strainforg 2 Verse straine degree by excessive bending tradi when laying cables, as the IP protection class can be ending tradi when laying cables, as the IP protection class can be ending tradits Installation Cable Clife identification Stranding 2 Verse strained Type of centificate Cliffus Cable identification S4U Stranding Verse strained Verse strained group (type 2) 2 Straindog Joints Neided Cable identification S4U Strainding Verse strained Verse strained group while, orange), (groen while, groen yhile, groen) <tr< td=""><td></td><td></td></tr<>		
Rated surge voltage 1.5 kV Mainfair group (EC 6064-1) 1 Environmental characteristics [Climatics] C Operating temperature max. 85 °C Additional conditions temperature range depending on cable quality Important installation notes C Note on table quality Environmental characteristics (a status relief) Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable leis. Note on bending radius Attention: Cohere the penatissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Institution I Cable EVI Jacket Color tesl Type of Cartificate CURus Anount stranding 2 Stranding (type 2) 2 strandod pinits livised Cable shielding (coverage) 75 % Banding Feoco Wrie aringeront (orange white, orange), (green white, green) Cable shielding (coverage) 75 % Banding Feoco Wrie aringeront (orange white, orange), (green white, green) Cable shielding (coverage) 75 %		
Material group (IEC 60664-1) 1 Environmental characteristics (Climate) Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Material group (IEC 60664-1) Note on stain roled Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable likes. Nate on bonding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification Type of Certificate culPus Amount stranding 2 Stranding (type 2) 2 Stranded joints twisted Cable is identify coverapity Posoo Stranding (type 2) 2 Stranded points twisted Cable is identify coverapity Flocoo Write arrangement (orange-white, orange), (green-white, green) Cable is identify coverapity 5 % Cable is identify coverapity 5 % Cable is identify coverapity 5 % % Cable is identify coverapity 5 % % <		
Environmental characteristics Climatic 25 °C Operating temperature max. 25 °C Additional confident temperature range depending on cable quality Important installation notes Vented 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 radiu when laying cables, as the IP protection class can be andargered by excessive bending forces. Installation ICCO Start of 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 andargered by excessive bending forces. Installation ICCO Start of Dires Cable identification S4U Jacket Color taal Prop of Centificate UPus Anount stranding 2 Stranding (type) Wries twised Cable shielding (coverage) 75 % Stranding (type) S5 6 g m Material jacket TPE Foreado S5 6 g m Material installation tom ingrediants (jackot) 5 % Material installation 15 %		
Operating tomperature max. B5 °C Additional condition temperature maps depending on cable quality Important installation notes Mole on stain moles Note on stain moles Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable files. Note on bending radius Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation (Cable Cable identification S4U S4U Jacket Color teal Type of Certificate CJFLus Amount stranding 2 Stranding (type 2) 2 Stranded joints twisted Cable shelding (coverage) 75 % Banding Filesce Write any and the cove in the connectore of the cove in the coverage) 75 % Cable shelding (coverage) 75 % Banding Filesce Writer algorith 55.66 g/m Material jacket TPE Freedom from ingredients ((acket) lead-free, CFC-free Outer diameter (akation) 1.5 % Stranding (wive insulation HDPE <t< td=""><td>ö 1 (['],</td><td></td></t<>	ö 1 (['] ,	
Operating tomperature max. B5 °C Additional condition temperature maps depending on cable quality Important installation notes Mole on stain moles Note on stain moles Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable files. Note on bending radius Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation (Cable Cable identification S4U S4U Jacket Color teal Type of Certificate CJFLus Amount stranding 2 Stranding (type 2) 2 Stranded joints twisted Cable shelding (coverage) 75 % Banding Filesce Write any and the cove in the connectore of the cove in the coverage) 75 % Cable shelding (coverage) 75 % Banding Filesce Writer algorith 55.66 g/m Material jacket TPE Freedom from ingredients ((acket) lead-free, CFC-free Outer diameter (akation) 1.5 % Stranding (wive insulation HDPE <t< td=""><td>Operating temperature min</td><td>-25 °C</td></t<>	Operating temperature min	-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 fies. Nate 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 Cable identification S4U Jacket Color Ieal Color Color Color 1 ade color Color Ieal Color C		
Important instaliation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Coserve the permissible bending radiu when laying cables, as the IP protection class can be employed in the state of the permissible bending forces. Instaliation Cable Eable identification S4U Jacket Color teal Cubre identification S4U Jacket Color teal Cubre identification Stranding Stranding 2 wires twisted Stranding Stranding Stranding (type 2) 2 Stranded joints twisted Cable shelding (type) Metal fleece Cable shelding (type) Metal fleece Cable shelding (type) Stranding Stranding Piecce Stranding Stranding Use data shelding (type) Metal fleece Stranding Stranding Use data shelding (type) Stranding Stranding Stranding Use data shelding (type) Metal fleece Stranding Stranding Cable shelding (type) Stranding Stranding Stranding Use data shelding (type) Stranding Stran		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Nate on bending radius Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be adminimated in the permissible bending forces. Institution (Cable S4U Cable identification S4U Stranding Paint Itelee Cable identification Metal Itelee Cable identification Fiese Banding Fiese Cable identification Itelee Cable identification		
Note on bending radius Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation I Cable Cable identification S4U Jacket Color teal Option Contificate cullPlus Amount stranding 2 Stranding 2 wires twisted Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) Metal Tesce Cable shielding (type) Metal Tesce Cable weigh 75 % Banding Fleece wire arrangement (orange-while, orange), (green-white, green) Cable weigh 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) 6,6 mm Outer diameter (jacket) 6,5 mm Outer diameter (jacket) 1.5 % Material wire insulation 1.9 PE Amount strands (wire) 7 Outer diameter (jacket) 5.5 % Stranding (wire) 7 Distance or insulation 1.25 mm Outer diameter insulation <td></td> <td></td>		
Note of herbiting ractions endangered by excessive bending forces. Installation Cable Excessive bending forces. Cable identification S4U Cable identification Eval Cable identification CuPus Amount stranding 2 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) Metal floeco Cable shielding (type) Metal floeco Cable shielding (coverage) 75 % Banding Floeco wire arrangement (orange-white, orange), (green-white, green) Cable weigth 55,66 grin Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer diameter (skett) 6.6 mm Tolerance outer diameter (skett) 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Dameter of sing wires 22 AWG Conductor wires wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) <td>Note on strain relief</td> <td></td>	Note on strain relief	
Cable identificationS4UJacket COortealType of ColorUBusAnount stranding2Stranding2 wires twistedStranding (type 2)2 Stranded points twistedCable shielding (type)Metal fleeceCable shielding (coverage)75 %BandingFleeceCable shielding (coverage)55.66 g/mMaterial jacketTPEFreedom from ingredients (jacket)164.7Duter-diameter (jacket)6.6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAnount strands5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 0 wire cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (sheath)± 5 %Shore hardness wire insulation± 0 wire (Sheath)Varier dawater of shore bardness wire insulation± 0 wire (Sheath)Normal witage AC max.300 VConductor wire50 Q/tm @ 20 °CAC wirbstand voltage (wire - wire)3 kV @ 60 sElectrical capacity (wishand voltage (wire - wire)\$ kV @ 60 sPower frequency withstand voltage (wire - wire)\$ kV @ 60 s	Note on bending radius	
Jacket ColortealType of CertificatecURusAmount stranding2Stranding2 wires twistedStranding (type 2)2 Stranded joints twistedCable shielding (type)Metal feecceCable shielding (coverage)75 %BandingFleecceWire arrangement(orange-white, orange), (green-white, green)Cable shielding (spee)55.66 g/mMaterial jacketTPEFreedom from ingredients (jacket)6.6 mmTolerance outer diameter (sheatt)± 5 %Material wire insulationHDPEAmount wires4Outer diameter (sheatt)± 5 %Shore D5.45 shore DShore D5.45 shore DIngredient freeness wire insulation± 5 %Shore D5.4 Shore DIngredient freeness wire insulation± 5 %Shore Indress wire insulation± 5 %Outer diameter (of wire)2 AWGConduct or crossection (wire)24 AWGConduct or crossection (wire)24 AWGConductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0284-4Current load capacity (standard)50 km @ 20 "CAc withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity (withand voltage (wire - wire)3 kV @ 60 sElectrical capacity (withand voltage (wire - wire)3 kV @ 60 s	Installation Cable	
Type of Certificate cURus Amount stranding 2 Stranding (ype 2) 2 Stranded joints twisted Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) Metal fleece Cable shielding (coverage) 75 % Banding Fleece wire arrangement (orange-white, orange), (green-white, green) Cable weigth 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (sheath) ± 5 % Material wer insulation HDPE Amount wires 4 Outer diameter insulation ± 5 % Shore Partness wire insulation ± 5 % Shore Partness wire insulation ± 5 % Conductor crossection (wire) 7 Diameter of single wires 22 AWG Conductor crossection (wire) 24 AWG Conductor crossection (wire) 4.8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity	Cable identification	S4U
Amount stranding 2 Manount stranding 2 Cable shielding (type) Metal fleece Cable shielding (coverage) 75 % Banding Fleece wire arangement (orange-white, orange), (green-white, green) Cable weight 55.66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer diameter (acket) 6.6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation HOPE Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 6.6 ± 3 Shore D Ingredient freeness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 6.6 ± 3 Shore D Ingredient freeness wire insulation 1.24 MG Admount strands (wire) 7 Diameter of single wires <td>Jacket Color</td> <td>teal</td>	Jacket Color	teal
Stranding 2 wires twisted Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) Metal fleece Cable shielding (coverage) 75 % Banding Fleece wire arrangement (orange-white, orange), (green-white, green) Cable weigth 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (sheath) ± 5 % Material jacket TPE Tolerance outer diameter (sheath) ± 5 % Outer diameter (sheath) ± 5 % Material wire insulation HDPE Amount wires 4 Outer diameter tolerance occe insulation 1.25 mm Outer diameter tolerance occe insulation 1.25 mm Outer diameter tolerance occe insulation lead-free, cAdmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor corsossection (wire) 24 AWG Conductor wire copper stranded wire, tinned Nominal voltage AC max.	Type of Certificate	cURus
Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) Metal fleece Cable shielding (coverage) 75 % Banding Fleece wire arrangement (orange-white, orange), (green-white, green) Cable weigth 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6.6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Amount wires 4 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation lead-free, cAdmium-free, CFC-free, halogen-free, silicone-free Arnount strands (wire) 7 Diameter tolerance core insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Arnount strands (wire) 7 Diameter of single wires 22 AWG Concluctor corsespection (wire) 24 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max.	Amount stranding	2
Cable shielding (type)Metal fleeceCable shielding (coverage)75 %BandingFleecewire arrangement(orange-white, orange), (green-white, green)Cable weigth55.66 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6.6 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationHDPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1.24 mmDiameter of single wires22 AWGConductor crosssection (wire)24 AWGConductor roisssection (wire)24 AWGCurrent load capacity ini, wire4.8 AElectrical resistance line constant wire59 Ω km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity min, withstand voltage (wire - wire)3 kV @ 60 s	Stranding	2 wires twisted
Cable shielding75 %BandingFleecewire arrangement(orange-white, orange), (green-white, green)Cable weigth55,66 g/mMaterial jacktTPEFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6,6 mmTolerance outer diameter (sheath) \pm 5 %Material jacktTDPEAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Conductor crossection (wire)7Diameter of single wires22 kWGConductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity min, wire4.8 AElectrical resistance line constant wire59 $\Omega km @ 20 °C$ AC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity min, withstand voltage (wire - wire)3 kV @ 60 s	Stranding (type 2)	2 Stranded joints twisted
Banding Fleece wire arrangement (orange-white, orange), (green-white, green) Cable weigth 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (lacket) 6.6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Arnount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cAC-free, halogen-free, silicone-free Arnount strands (wire) 7 Diameter of single wires 22 AWG Conductor orosssection (wire) 24 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (stindard) to DIN VDE 0298-4 Current load capacity min. wire 4.8 A Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity withstand vol	Cable shielding (type)	Metal fleece
vir a rangement(orange-white, orange), (green-white, green)Cable weigth55,66 g/mMaterial jacketTPEFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cFC-free, halogen-free, silicone-freeAmount wires2< AWG	Cable shielding (coverage)	75 %
Cable weigth 55,66 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 6,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation HDPE Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 24 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.8 A Electrical resistance line constant wire 59 Q/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 3 kV @ 60 s	Banding	Fleece
Material jacketTPEFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6,6 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Shore hardness wire insulation \pm 5 %Shore hardness wire insulation \pm 5 %Duter diameter tolerance core insulation \pm 5 %Shore hardness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeDiameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (inin. wire)4.8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	wire arrangement	
Freedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)6,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Cable weigth	55,66 g/m
Outer-diameter (jacket)6.6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire59 Q/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Material jacket	TPE
Tolerance outer diameter (sheath)± 5 %Material wire insulationHDPEAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.8 AElectrical resistance line constant wire59 0/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Freedom from ingredients (jacket)	lead-free, CFC-free
Material wire insulationHDPEAmount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Outer-diameter (jacket)	6,6 mm
Amount wires4Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)3 kV @ 60 s	Material wire insulation	HDPE
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 24 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 3 kV @ 60 s	Amount wires	4
Shore hardness wire insulation65 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - jacket)3 kV @ 60 s	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - jacket)3 kV @ 60 s	Outer diameter tolerance core insulation	±5%
Amount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedMaterial conductor wire300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - jacket)3 kV @ 60 s	Shore hardness wire insulation	65 ± 3 Shore D
Diameter of single wires22 AWGConductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Electrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - jacket)3 kV @ 60 s	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)24 AWGMaterial conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - jacket)3 kV @ 60 s	Amount strands (wire)	7
Material conductor wirecopper stranded wire, tinnedNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 AElectrical resistance line constant wire59 Ω/km @ 20 °CAC withstand voltage (wire - wire)3 kV @ 60 sElectrical capacity line constant (wire - wire)49000 pF/kmPower frequency withstand voltage (wire - approximation of the standard)3 kV @ 60 s	Diameter of single wires	22 AWG
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Conductor crosssection (wire)	24 AWG
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Material conductor wire	copper stranded wire, tinned
Current load capacity min. wire 4,8 A Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 59 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 3 kV @ 60 s Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Current load capacity min. wire	•
Electrical capacity line constant (wire - wire) 49000 pF/km Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s	Electrical resistance line constant wire	59 Ω/km @ 20 °C
Power frequency withstand voltage (wire - 3 kV @ 60 s jacket)	AC withstand voltage (wire - wire)	
jacket)	Electrical capacity line constant (wire - wire)	49000 pF/km
Min. operating temperature (static) -40 °C	Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
	Min. operating temperature (static)	-40 °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: 2024-05-19



Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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 (installation)	x Outer diameter
Bending radius (fixed)	7 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter

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: 2024-05-19