

stay connected

## RJ45 male 0° / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 5.5m

**Ethernet CAT5** Male straight - male straight RJ45 - RJ45, 4-pole shielded

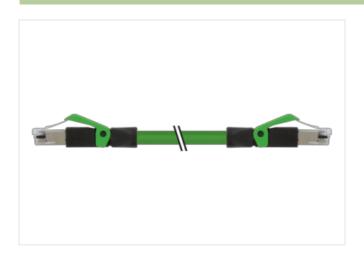
Further cable lengths on request.

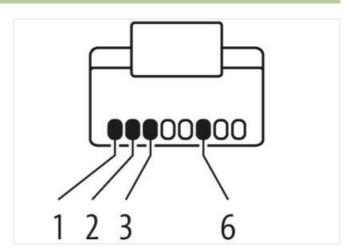
Plastic housings with good resistance against chemicals and oils.

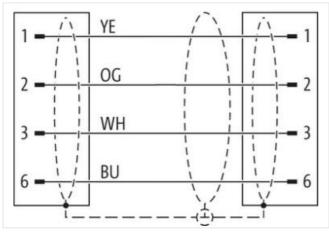
The resistance to aggressive media should be individually tested for your application. Further details on request.

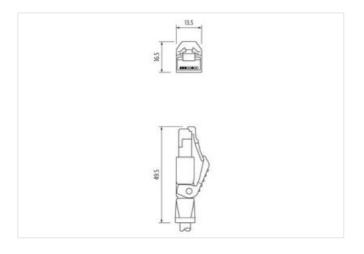
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

5,5 m

Side 1

Mounting method inserted



stay connected

No. of poles   4	Family construction form	RJ45
ECLASS 6.0         27061801           ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 1.1         27060307           ECLASS 1.2.0         27060307           ECLASS 1.1.1         27060307           ECLASS 1.2.0         27060307           ETMA 5.0         E0000599           CLASS 1.1.1         1           EVEN 1.1         4048779807307           Peckaging unit         1           Electrical data   Supply         0           Operating voltage DC max         60 V           Current operating per ornatal max         1.5 A           Industrial communication         1.5 A           Industrial communication   Ethernat functival intuity         4.0 displace           Description   Electrical Unity         4.0 displace           Description   Electrical Unity         6.0           Descri	No. of poles	4
ECLASS 6.1         27669307           ECLASS 7.0         27669307           ECLASS 8.0         27669307           ECLASS 8.0         27669307           ECLASS 8.1.1         27669307           ECLASS 8.1.2.0         27669307           ETM 5.0         EXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Commercial data	
ECLASS-7.0         27900007           ECLASS-8.0         27060007           ECLASS-9.0         27060007           ECLASS-9.10.1         27060007           ECLASS-11.1         27060007           ECLASS-12.0         27060007           ETIM-5.0         ECO02590           customs fairfl number         8544210           OTIN         4048370697337           Packaging unit         1           Electrical data   Supply         Perchaging on the contract operation of the contract operating per contract max.           Industrial communication         1.5 A           Industrial communication         Full duplex           Industrial communication   Ethernet number to the contract operating max.         1.0 MBW/s           Industrial communication   Ethernet Euro-to-to-to-to-to-to-to-to-to-to-to-to-to	ECLASS-6.0	27061801
ECLASS-7.0         27900007           ECLASS-8.0         27060007           ECLASS-9.0         27060007           ECLASS-9.10.1         27060007           ECLASS-11.1         27060007           ECLASS-12.0         27060007           ETIM-5.0         ECO02590           customs fairfl number         8544210           OTIN         4048370697337           Packaging unit         1           Electrical data   Supply         Perchaging on the contract operation of the contract operating per contract max.           Industrial communication         1.5 A           Industrial communication         Full duplex           Industrial communication   Ethernet number to the contract operating max.         1.0 MBW/s           Industrial communication   Ethernet Euro-to-to-to-to-to-to-to-to-to-to-to-to-to		
ECLASS 9.0         27060307           ECLASS 10.1         27060307           ECLASS 11.0         27060307           ECLASS 12.0         27060307           ECLASS 12.0         ECOMO2599           customs tariff number         85444210           GTIN         4048079667937           Packaging will         1           Electrical data   Supply         V           Operating voltage DC max         60 V           Current operating por contact max         15 A           Industrial communication           Transfer parameters         CAT5e, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max         100 MB/ts           Industrial communication   Ethernet functional parameters of the parameters		27060307
ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         2606307           ETIM-5.0         E0002599           customs tariff number         65444210           GTIN         404897967937           Packaging unit         1           Electrical data   Supply         Correct operating per contact max.         1,5.A           Current operating per contact max.         1,5.A           Industrial communication         Internating parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MB/I/s           Industrial communication   Element tunctionality         Industrial communication   Element tunctionality           duplex         Full duplex           Diagnostics         Status indication LED           Status indication LED         no           Device protection   Electrical         Degree of protection   Electrical           Degree of protection   Electrical         International Control (ISO)           Pollution Duggere         3           Rated surge voltage         1 kV           Material Housing         PLR           Contour for corrugate hose         without           Mechanical data   Material data         No	ECLASS-8.0	27060307
ECLASS-1.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM 5.0         ECOXC959           customs failf number         85444210           GTIN         4048679667937           Packaging unit         1           Electrical data   Supply           Current operating por cortical max.         15.6           Current operating por cortical max.         15.8 A           Industrial communication         Transfer parameters           CATSe, Class D ((80/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MB/Its           Industrial communication   Ethernet functionally         100 MB/Its           Industrial communication   Ethernet functionally         100 MB/Its           Industrial communication   Ethernet functionally         100 MB/Its           Brain and protection   Ethernet functionally         100 MB/Its     <	ECLASS-9.0	27060307
ECLASS-12.0         27960307           ETIM 5.0         EC002599           customs tariff unriber         8544210           GTIN         4048379671837           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CAT5e, Class D ((SO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet trunctionality         Industrial communication   Ethernet trunctionality           duplex         Full duplex           Diagnostics         Status indication LED           Status indication LED         no           Device protection   Electrical   Electrical protection   Electrical	ECLASS-10.1	27060307
ETIM-5.0         EC002599           customs tariff number         8544210           GTIM         40489769737           Packaging unit         1           Electrical data   Supply         Correct General Supply or Units of Control (Control Control Con	ECLASS-11.1	27060307
customs tariff number         85444210           GTIN         494887967937           Packaging unt         1           Electrical data   Suppty         60 V           Operating port contact max         1,5 K           Industrial communication         Industrial communication           Transfer parameters         CAT5a, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBbts           Industrial communication   Ethernet functionality           duplex         Full duplex           Diagnostics         Full duplex           Status indication LED         no           Device protection   Electrical         no           Degree of protection (EN IEC 60329)         IP20           Pollution Degree         3           Rated surge voltage         1 kV           Material group (IEC 60664-1)         1           Mechanical data         Wilhout           Mechanical data [Material data         Wilhout           Material pousing         PUR           Locking material         PA           Mechanical data [Mounting data         25 °C           Locking techniques         Snap-in connector           Environmental characteristics [Climatic         Poperating temperature mix.	ECLASS-12.0	27060307
GTNN         4048879867937           Packaging unit         1           Electrical data   Supply         60 V           Current operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBHIs           Industrial communication   Ethernet functionality         Industrial communication   Ethernet functionality           Opige of protection   Electrical         Full duplex           Status indication LED         no           Degree of protection   Electrical         P2           Degree of protection   Electrical         1820           Concour for corrugated hose         without           Mechanical data   Material data         Material housing         PA           Mechanical data   Mounting data         PA           Locking material	ETIM-5.0	EC002599
Packaging unit	customs tariff number	85444210
Page	GTIN	4048879667937
Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CAT5e, Class D (ISO/IEC 118012002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality         Industrial communication   Ethernet functionality           duplex         Full duplex           Degree of protection (ED           Degree of protection [Electrical           Degree of protection (EN IEC 60529)         IP20           Pollution Degree         3           Rated surge voltage         1 KV           Mechanical data           Mechanical data           Mechanical data (Material data           Mechanical data (Material data           Mechanical data (Material data)           Mechanical data (Mounting data)           Mechanical data (Mounting data)           Polica (Impute to mine.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range<	Packaging unit	1
Current operating per contact max. 1,5 A  Industrial communication  Transfe parameters CAT5e, Class D (ISO/IEC 11801-2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Diagnostics  Status indication LED no  Device protection   Electrical  Degree of protection (EN IEC 60529)   P20  Pollution Degree 3  Rated surge voltage 1kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Contour for corrugated hose without  Mechanical data   Material data  Material housing PUR  Locking material PAA  Mechanical data   Muniting data  Locking techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Protection (ES)  Attention: Observe the permissible bending radius when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation (Cable)  Cable identification (Se)  Cable identification (Cable)  Cable identification (Cattificate)  Cable identification (Cattificate)  CulRus	Electrical data   Supply	
Industrial communication           Transfer parameters         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBUs           Industrial communication   Ethernet functionality         Idual possion           Status indication LED         no           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP20           Politution Degree         3           Rated surge voltage         1 kV           Material group (IEC 60664-1)         1           Mechanical data         without           Mechanical data   Material data         Without           Mechanical data   Material data         PUR           Locking material         PAR           Locking material         Snap-in connector           Environmental characteristics   Climatic         Snap-in connector           Environmental characteristics   Climatic         Social question and provide preparature min.         25 °C           Operating temperature man, and depending on cable quality         85 °C           Additional condition temperature range and depending on cable quality         epending on cable quality           Important installation notes         Potect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.	Operating voltage DC max.	60 V
Transfer parameters	Current operating per contact max.	1,5 A
Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Diagnostics         Very Care of Protection   Electrical           Degree of protection   Electrical         Pollusion Degree           Poliution Degree         3           Rated surge voltage         1 kV           Material group (IEC 60684-1)         I           Mechanical data         Without           Mechanical data   Material data         Without           Mechanical data   Material data         PA           Mechanical data   Muniting data         PA           Locking material         PA           Mechanical data   Mounting data         Snap-in connector           Environmental characteristics   Climatic         Coperating temperature mix         25 °C           Operating temperature max         85 °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 protecti	Industrial communication	
Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Diagnostics         Very Care of Protection   Electrical           Degree of protection   Electrical         Pollusion Degree           Poliution Degree         3           Rated surge voltage         1 kV           Material group (IEC 60684-1)         I           Mechanical data         Without           Mechanical data   Material data         Without           Mechanical data   Material data         PA           Mechanical data   Muniting data         PA           Locking material         PA           Mechanical data   Mounting data         Snap-in connector           Environmental characteristics   Climatic         Coperating temperature mix         25 °C           Operating temperature max         85 °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 protecti	Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex Full duplex  Diagnostics  Status indication LED no  Device protection   Electrical  Degree of protection (EN IEC 60529) IP20  Pollution Degree 3  Rated surge voltage 1 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Meterial housing PUR  Locking material PA  Methanical data   Mounting data PA  Mechanical data   Mounting data PA  Mechanical data   Mounting data PA  Contour for corrugated hose without  Mechanical data   Mounting data PA  Methanical data   Mounting data PA  Mechanical data   Mounting data PA  Conting temperature win. 25 °C  Operating temperature max. 85 °C  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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Type of Certificate cURus  Type of Certificate  URus	· · · · · · · · · · · · · · · · · · ·	
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Status indication LED no  Device protection   Electrical  Degree of protection (EN IEC 60529) IP20  Pollution Degree 3  Rated surge voltage 1 kV  Material group (IEC 60684-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Material housing PUR  Locking material PA  Mechanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  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.  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  Cable identification 659  Jacket Color green  Type of Certificate CURsus	·	i un dupiex
Degree of protection   Electrical  Degree of protection (EN IEC 60529)		
Degree of protection (EN IEC 60529) IP20  Pollution Degree 3  Rated surge voltage 1 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Material housing PUR  Locking material PA  Mechanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Type of Certificate CURus	Status indication LED	no
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Looking techniques  Snap-in connector  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  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.  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  Cable identification 659  Jacket Color green  Type of Certificate cURus		
Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  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.  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  Cable identification 659  Jacket Color green  Type of Certificate cURus		Snap.in connector
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  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.  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  Cable identification 659  Jacket Color green  Type of Certificate cURus		<u> </u>
Operating temperature max.  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.  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 659  Jacket Color green  Type of Certificate cURus		
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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  Cable identification 659  Jacket Color green  Type of Certificate cURus	Important installation notes	
Installation   Cable  Cable identification 659  Jacket Color green  Type of Certificate cURus	Note on strain relief	
Cable identification 659  Jacket Color green  Type of Certificate cURus	Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Jacket Color     green       Type of Certificate     cURus	Installation   Cable	
Type of Certificate cURus	Cable identification	659
	Jacket Color	green
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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: 2024-05-07



stay	connected	
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Cable shielding (coverage)         Description of the property of the propert	Stranding	4 wires around Core filler twisted
Bandring         Filesce, Foil           Filer         yes           Filer         yes           wise arrangement         white, yellow, blue, orange           Traversing distance (C tack)         5 m           Cabbe weight         89.1 g/m           Material jacket         PUR           Shore hardness jacket         90.2 Shore A           Freedom from Ingredients (jacket)         7.4 mm           Older-diameter (jacket)         7.4 mm           Tolerance outer diameter (sheath)         2.5 %           Material inner jacket)         white           Material weir insulation         PE           Amount wines         4           Outer diameter insulation         PE           Amount strands (viel)         2.5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         22 AWG           Material conductor wire         22 AWG           Material conductor wire         Stranded copper wire, bare           Lop resistance         5000 M/L x m           Mominal voltage AC max.         60 V	Cable shielding (type)	copper braid, tinned
Bandring         Filesce, Foil           Filer         yes           Filer         yes           wise arrangement         white, yellow, blue, orange           Traversing distance (C tack)         5 m           Cabbe weight         89.1 g/m           Material jacket         PUR           Shore hardness jacket         90.2 Shore A           Freedom from Ingredients (jacket)         7.4 mm           Older-diameter (jacket)         7.4 mm           Tolerance outer diameter (sheath)         2.5 %           Material inner jacket)         white           Material weir insulation         PE           Amount wines         4           Outer diameter insulation         PE           Amount strands (viel)         2.5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         22 AWG           Material conductor wire         22 AWG           Material conductor wire         Stranded copper wire, bare           Lop resistance         5000 M/L x m           Mominal voltage AC max.         60 V	Cable shielding (coverage)	85 %
wire arrangement white, yellow, blue, orange Traversing distance (C-track) 5 m Cable weight 89.1 gm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 shore A Freedom from ingredients (acket) (8ad-free, CFC-free, halogen-free Outer-diameter (jacket) 7.4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PEC Color (inner jacket) white Material wire insulation PE Material wire insulation PE Material wire insulation 1.4 mm Outer diameter insulation 1.4 mm Outer diameter insulation 1.5 % Shore hardness wire insulation 1.5 % Outer diameter insulation 1.5 % Outer diam		Fleece, Foil
wite arrangement white, yellow, blue, orange Traversing distance (C-track) 5 m  Able visigh 89,1 gm  Material jacket PUR  Shore hardness jacket 99 ± Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free  Outer-diameter (jacket) 7-4 mm  Toterance outer damater (sheath) ± 5 %  Material inner jacket TFE-V  Color (inner jacket) white  Material inner jacket TFE-V  Color (inner jacket) white  Amount wires 4  Outer diameter insulation PE  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation ± 5 %  Shore hardness wire insulation ± 5 %  Diameter of single wires 22 AWG  Material conductor wire 22 AWG  Material conductor wire Stranded copper wire, bare  Loop resistance Shore Amax. 60 ∨  Current load capacity (standard) to DIN VDE 0298 4  Current load capacity (standard) to DIN VDE 0298 4  Current load capacity (standard) to DIN VDE 0298 4  Current load capacity min wire 4,8 A  Current load capacity min wire 2 kV @ 60 s  Electrical cresistance Inno constant wire 64 CW & 60 s  Electrical cresistance Inno constant wire 65 CMm @ 20 °C  AC withstand voltage (wire - sheld) 80 °C  Operating temperature estatic (Aymanic) 70 °C  Flame resistance ULL 1581 § 1100 FT2   IEC 60332 2.2   UL 1581 § 1090 chemical greating and unique of the miner produced condension on the sistance of the condension of	Filler	yes
Cable weight         89,1 g/m           Material jacket         PUR           Abore hardness jacket         90 ± Shore A           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         7,4 mm           Toferance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (mor jacket)         white           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter lolerance core insulation         4.5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         160 Fee, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 RWG           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity grain, wire         4,8 A           Current load capacity grain, wire         500 M × Rm           Nominal voltage (wire - wire)         5000 p Fkm           Power frequency withstand voltage (wire - wire)	wire arrangement	•
Cable weight         89,1 g/m           Material jacket         PUR           Abore hardness jacket         90 ± Shore A           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         7,4 mm           Toferance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (mor jacket)         white           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter lolerance core insulation         4.5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         160 Fee, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 RWG           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity grain, wire         4,8 A           Current load capacity grain, wire         500 M × Rm           Nominal voltage (wire - wire)         5000 p Fkm           Power frequency withstand voltage (wire - wire)	Traversing distance (C-track)	5 m
Material jacket         PUR           Shore hardness jacket         90 ± Shore A           Freedom from Irgardients (jacket)         tead-free, CFC-free, halogen-free           Outer-diameter (jacket)         7.4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket)         white           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter Insulation         1.4 mm           Outer diameter insulation         5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         65 Shore D           Ingredient freeness wire insulation         85 Shore D           Ingredient freeness wire insulation         12 AWG           Conductor crossection (wire)         7           Diameter of single wires         22 AWG           Conductor crossection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max         60 Y           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω ± 15 %      <	· · · · · · · · · · · · · · · · · · ·	89.1 g/m
Shore hardness jacket         90 ± Shore A           Freedom from ingredients (jacket)         tead-free, CPC-free, halogen-free           Outer-diameter (jacket)         7.4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Cuter diameter insulation         ± 5 %           Shore hardness wire insulation         55 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         18 detection (shear)           Ingredient freeness wire insulation         18 detection (shear)           Ingredient freeness wire insulation         25 %           Shore hardness wire insulation         18 detection (shear)           Ingredient freeness wire insulation         18 detection (shear)           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crossection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VIDE 0294-4 <t< td=""><td><u></u></td><td><del>-</del></td></t<>	<u></u>	<del>-</del>
Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE V           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         ± 5 %           Shore bardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Dameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0299.4           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω± 15 %           Electrical cresistance line constant (wire - wire)         50 /km @ 20 °C           AC withstand voltage (wire - shield)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s	-	90 ± Shore A
Outer-diameter (jacket)         7,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crossection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω± 15 %           Electrical capacity line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - sheld)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical pemp	·	lead-free, CFC-free, halogen-free
Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         TPE-V           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (min. wire)         4.8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical spacity line constant (wire - wire)         2 kV @ 60 s           Electrical resistance line perature (static)         40 °C		· · · · · · · · · · · · · · · · · · ·
Material inner jacket         TPE-V           Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter loulerance core insulation         1,4 mm           Outer diameter loulerance core insulation         55 %re           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant wire         55 Ωkm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity (wire shield)         2 kV @ 60 s           Min. operating temperature (wire)         30 °C		± 5 %
Color (inner jacket)         white           Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         65 %re D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crossection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4.8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant wire         55 Ωkm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         40		
Material wire insulation         PE           Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded coper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire - wire)         4.8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity (wire shield)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (min. (dynam		
Amount wires         4           Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         £ 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           AC withstand voltage (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating tempera		
Outer diameter insulation         1,4 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN NDE 0298-4           Current load capacity (standard)         to DIN NDE 0298-4           Current load capacity (wire - wire)         4,8 A           Characteristic impedance         100 Ω± 15 %           Electrical resistance line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity wine stand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         30 °C		
Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4,8 A           Characteristic impedance         100 Ω± 15 %           Electrical resistance line constant wire         55 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         50000 pF/km           Power frequency withstand voltage (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         70 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, applicati		1.4 mm
Shore hardness wire insulation         65 Shore D           Ingredient freeness wire insulation         lead-free, CFC-free, halogen-free           Amount strands (wire)         7           Diameter of single wires         22 AWG           Conductor crosssection (wire)         22 AWG           Material conductor wire         Stranded copper wire, bare           Loop resistance         5000 MΩ × km           Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         100 Ω ± 15 %           Electrical resistance line constant wire         4.8 A           Characteristic impedance         100 Ω ± 15 %           Electrical resistance line constant (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           Electrical capacity line constant (wire - wire)         2 kV @ 60 s           AC withstand voltage (wire - shield)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1100		,
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free  Amount strands (wire) 7 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire Stranded copper wire, bare Loop resistance 5000 MΩ × km Nominal voltage AC max. 60 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A Characteristic impedance 100 Ω ± 15 % Electrical resistance line constant wire 55 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 7 Very Web 60 s Electrical capacity line constant (wire - wire) 8 V W @ 60 s Electrical capacity line presentant wire 2 kV @ 60 s Electrical capacity line constant (wire - wire) 8 V W @ 60 s Electrical capacity line presentant wire 9 V W W W W W W W W W W W W W W W W W W		
Amount strands (wire) 7  Diameter of single wires 22 AWG  Conductor crosssection (wire) 22 AWG  Material conductor wire Stranded copper wire, bare  Loop resistance 5000 $M\Omega \times km$ Nominal voltage AC max. 60 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance 100 $\Omega \pm 15\%$ Electrical resistance line constant wire 55 $\Omega km \otimes 20\%$ AC withstand voltage (wire - wire) 2 kV $\otimes$ 60 s  Electrical capacity line constant (wire - wire) 50000 pF/km  Power frequency withstand voltage (wire - wire) 2 kV $\otimes$ 60 s  AC withstand voltage (wire - shield) 2 kV $\otimes$ 60 s  AC withstand voltage (wire - shield) 2 kV $\otimes$ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090 chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Bending radius (fixed) 5 × Outer diameter		
Diameter of single wires       22 AWG         Conductor crosssection (wire)       22 AWG         Material conductor wire       Stranded copper wire, bare         Loop resistance       5000 MΩ × km         Nominal voltage AC max.       60 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4.8 A         Characteristic impedance       100 Ω ± 15 %         Electrical resistance line constant wire       55 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electrical capacity line constant (wire - wire)       50000 pF/km         Power frequency withstand voltage (wire - siacket)       2 kV @ 60 s         AC withstand voltage (wire - shield)       2 kV @ 60 s         Min. operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -30 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         Chemical resistance       Good, application-related testing         Gil resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing <t< td=""><td></td><td></td></t<>		
Conductor crosssection (wire)       22 AWG         Material conductor wire       Stranded copper wire, bare         Loop resistance       5000 MΩ × km         Nominal voltage AC max.       60 V         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4,8 A         Characteristic impedance       100 Ω ± 15 %         Electrical resistance line constant wire       55 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electrical capacity line constant (wire - wire)       50000 pF/km         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         AC withstand voltage (wire - shield)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature min. (dynamic)       -30 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Oil resistance       DIN EN 6081-404   Good, application-related testing         Oil resistance       DIN EN 6081-404   Good, application-related testing         Bending radius (fixed)       5 x Outer dia		
Material conductor wire Stranded copper wire, bare  Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Nominal voltage AC max. $60 \text{ V}$ Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire $4.8 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega \text{/km} \otimes 20 \text{ °C}$ AC withstand voltage (wire - wire) $2 \text{ kV} \otimes 60 \text{ s}$ Electrical capacity line constant (wire - wire) $50000 \text{ pF/km}$ Power frequency withstand voltage (wire - $2 \text{ kV} \otimes 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} \otimes 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} \otimes 60 \text{ s}$ Min. operating temperature (static) $40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $-30 \text{ °C}$ Operating temperature max. (dynamic) $70 \text{ °C}$ Flame resistance UL $1581 \text{ § } 1100 \text{ FT2}   \text{IEC } 60332 \cdot 2 \cdot 2   \text{ UL } 1581 \text{ § } 1090$ chemical resistance Good, application-related testing  Gasoline resistance DIN EN $60811 - 404 \text{ Good}$ , application-related testing  Bending radius (fixed) $5 \times \text{Outer diameter}$ Bending radius (dynamic) $12 \times \text{Outer diameter}$		
Loop resistance $5000  \text{M}\Omega \times \text{km}$ Nominal voltage AC max.         60 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire $4.8  \text{A}$ Characteristic impedance $100  \Omega \pm 15  \%$ Electrical resistance line constant wire $55  \Omega / \text{km} \oplus 20  ^{\circ} \text{C}$ AC withstand voltage (wire - wire) $2  \text{kV} \oplus 60  \text{s}$ Electrical capacity line constant (wire - wire) $50000  \text{pF/km}$ Power frequency withstand voltage (wire - giacket) $2  \text{kV} \oplus 60  \text{s}$ AC withstand voltage (wire - shield) $2  \text{kV} \oplus 60  \text{s}$ Min. operating temperature (static) $-40  ^{\circ} \text{C}$ Max. operating temperature (fixed) $80  ^{\circ} \text{C}$ Operating temperature min. (dynamic) $-30  ^{\circ} \text{C}$ Operating temperature max. (dynamic) $70  ^{\circ} \text{C}$ Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (fixed) $5 \times \text{Outer diameter}$	. ,	
Nominal voltage AC max. 60 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance 100 Ω ± 15 %  Electrical resistance line constant wire 55 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 50000 pF/km  Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s  AC withstand voltage (wire - shield) 2 kV @ 60 s  AC withstand voltage (wire - shield) 2 kV @ 60 s  Min. operating temperature (fixed) 80 °C  Operating temperature (fixed) 80 °C  Operating temperature max. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter		
Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 4,8 A  Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} \otimes 20  ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} \otimes 60 \text{ s}$ Electrical capacity line constant (wire - wire) $50000  \text{pF/km}$ Power frequency withstand voltage (wire - acket) $2 \text{ kV} \otimes 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} \otimes 60 \text{ s}$ Min. operating temperature (static) $40  ^{\circ}\text{C}$ Max. operating temperature (fixed) $80  ^{\circ}\text{C}$ Operating temperature min. (dynamic) $30  ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70  ^{\circ}\text{C}$ Flame resistance $UL 1581  \S  1100  \text{FT2}       \text{IEC}  60332 \cdot 2 \cdot 2                    $	<u> </u>	
Current load capacity min. wire $4.8 \text{ A}$ Characteristic impedance $100 \Omega \pm 15 \%$ Electrical resistance line constant wire $55 \Omega / \text{km} \otimes 20 ^{\circ}\text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} \otimes 60  \text{s}$ Electrical capacity line constant (wire - wire) $50000  \text{pF/km}$ Power frequency withstand voltage (wire - jacket) $2 \text{ kV} \otimes 60  \text{s}$ AC withstand voltage (wire - shield) $2 \text{ kV} \otimes 60  \text{s}$ Min. operating temperature (static) $40 ^{\circ}\text{C}$ Max. operating temperature (fixed) $80 ^{\circ}\text{C}$ Operating temperature min. (dynamic) $30 ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70 ^{\circ}\text{C}$ Flame resistance $UL  1581  \S  1100  \text{FT2}                     $		
Characteristic impedance       100 Ω ± 15 %         Electrical resistance line constant wire       55 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Electrical capacity line constant (wire - wire)       50000 pF/km         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         AC withstand voltage (wire - shield)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -30 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       5 x Outer diameter         Bending radius (dynamic)       12 x Outer diameter		
Electrical resistance line constant wire 55 \( \Omega / \text{km} \) \( \ext{Q} \) 0°C  AC withstand voltage (wire - wire) 2 kV \( \ext{Q} \) 60 s  Electrical capacity line constant (wire - wire) 50000 pF/km  Power frequency withstand voltage (wire - incident) 2 kV \( \ext{Q} \) 60 s  AC withstand voltage (wire - shield) 2 kV \( \ext{Q} \) 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance UL 1581 \( \xi \) 1100 FT2   IEC 60332-2-2   UL 1581 \( \xi \) 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter		
AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical capacity line constant (wire - wire) 50000 pF/km  Power frequency withstand voltage (wire - iacket) 2 kV @ 60 s  AC withstand voltage (wire - shield) 2 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	·	
Electrical capacity line constant (wire - wire) 50000 pF/km  Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s  AC withstand voltage (wire - shield) 2 kV @ 60 s  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -30 °C  Operating temperature max. (dynamic) 70 °C  Flame resistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter		<del>-</del>
Power frequency withstand voltage (wire - jacket)  AC withstand voltage (wire - shield)  2 kV @ 60 s  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  70 °C  Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  12 x Outer diameter		
Jacket)  AC withstand voltage (wire - shield)  AC withstand voltage (wire		50000 pF/km
Min. operating temperature (static)  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  70 °C  Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 × Outer diameter  Bending radius (dynamic)  12 × Outer diameter	. ,	2 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  To °C  Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  12 x Outer diameter	AC withstand voltage (wire - shield)	2 kV @ 60 s
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  70 °C  Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  12 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)  Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  12 x Outer diameter	Max. operating temperature (fixed)	°C 08
Flame resistance  UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  12 x Outer diameter	Operating temperature min. (dynamic)	-30 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 12 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 12 x Outer diameter	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic) 12 x Outer diameter	Bending radius (fixed)	
		12 x Outer diameter
		2 Mio.