

## M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 5m

**Ethernet CAT5** Male 90° M12, 4-pole D-coded shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

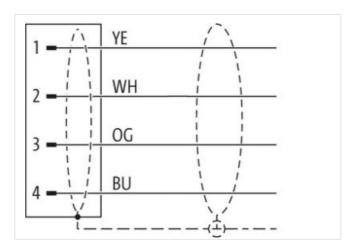
Plastic housings with good resistance against chemicals and oils.

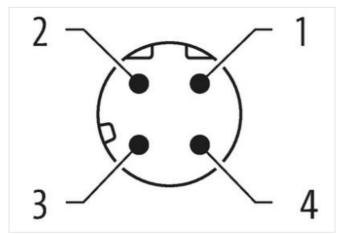
The resistance to aggressive media should be individually tested for your application. Further details on request.

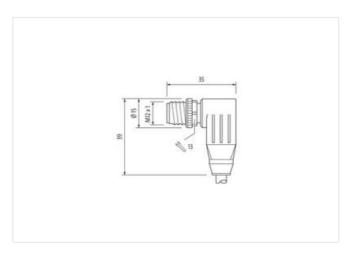
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

5 m



stay connected

Mare that   Mare	Side 1		
MIZ	Tightening torque	0,6 Nm	
President	Mounting method	inserted, screwed	
December	Family construction form	M12	
Midit American   Pulis   Width across files   SW13	Thread	M12 x 1	
Width across fals         SW13           Degree or protection (EN IEC 60529)         IPSE, IPSER, IPSE           Sike 2         Strepping length (jacket)         20 mm           Commedia data           SELASS 6.0         27961991           ECLASS 6.1         27060907           ECLASS 7.0         27060907           ECLASS 8.0         27060907           ECLASS 9.0         27060907           ECLASS 11.1         27060907           ECLASS 11.1         27060907           ECLASS 11.1         27060907           ECLASS 12.0         27060907           ECLASS 11.1         27060907           ECLASS 12.0         27060907 <t< td=""><td>Coding</td><td></td></t<>	Coding		
Degree of protection (EN IEC 60529)	Material		
Side 2           Commercial data           ECLASS-8.0         27061801           ECLASS-6.1         27069307           ECLASS-7.0         27069307           ECLASS-9.0         27069307           ECLASS-9.0         27060307           ECLASS-11.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-18.1         27060307           ECLASS-18.2.0         27060307           ECLASS-19.3         ECCASS-19.0           ECLASS-10.1         4048079197304           ECLASS-10.1         1           ECLASS-10.2         27060307           ECLASS-10.3         ECCASS-10.0           ECLASS-10.1         27060307           ECLASS-10.1         1.5           Electrical data   Supply         1.5			
Stripping length (lacker)   20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Commercial data           CLASS-6.0         27061801           CLASS-7.0         27060307           CLASS-7.0         27060307           CLASS-8.0         27060307           CLASS-10.1         27060307           CLASS-11.1         27060307           CLASS-11.1         27060307           CLASS-11.1         27060307           CLASS-12.0         27060307           ETIM-5.0         EC002599           STIN         404897197304           Packaging unit         1           Electrical data   Suppty           Purent operating per contact max.         1,5 A           Industrial communication         Fransfer parameters           Transfer parameters         CAT5, Class D (ISO/IEC 11801.2002), (EN 50173-1)           Salat arasmission rate max.         100 MBt/s           Industrial communication   Ethernet functionality           Stripping length (lacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Midditional condition protection degree         3           Palated surge voltage         1,5 kV           Made surge voltage         1,5 kV           Made surge voltage (Bostel)         1,5 kV <t< td=""><td>Side 2</td><td></td></t<>	Side 2		
CLASS-6.0   27061801   27060907   CLASS-8.0   27060907   CCLASS-8.0   27060907   CCLASS-8.0   27060907   CCLASS-9.0   27060907   CCLASS-9.0   27060907   CCLASS-9.0   27060907   CCLASS-9.0   27060907   CCLASS-10.1   27060907   CCLASS-11.1   27060907   CCLASS-11.1   27060907   CCLASS-12.0	Stripping length (jacket)	20 mm	
ECLASS-6.1 27060307  ECLASS-7.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-10.1 27060307  ECLASS-11.1 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-13.1 27060307  ECLASS-13.1 27060307  ECLASS-14.0 ECO02599  SUSTOM 4048879197304  TO TAMPORE A TO TA	Commercial data		
ECLASS -7.0   27060307   270603	ECLASS-6.0	27061801	
CLASS-8.0   27060307	ECLASS-6.1	27060307	
ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.2         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           Dustoms tarlif number         85444290           3TIN         4048879197304           Packaging unit         1           Electrical data   Supply           Deperating voltage DC max.         60 V           Durrent 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 functionality           dustrial communication   Ethernet functionality           dustrial communication   Ethernet functionality           dustrial georgic (jacket)         20 mm           Modurning set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Politicion Degree         3           Additional condition protection degree         inserted, screwed           Ontour for corrugated hose         without	ECLASS-7.0	27060307	
ECLASS-10.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tariff number         85444290           3TIN         404887917304           **ackaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Departing per contact max.         1,5 A           Industrial communication           Industrial communication   Industrial communication   Ethernet functionality           Using partial (acket)           Undustrial communication   Ethernet functionality           Using partial (acket)           Undustrial communication   Ethernet functionality           Using partial (acket)           Undustrial communication   Ethernet functionality           Using partial (acket)         20 mm           Viduality   Connection         Will duplex           Using partial (acket)           Undustrial condition protection degree         inserted, screwed           Pollution Degree         3           Paleted surge voltage         1,5 kV           Mechanical data <td cols<="" td=""><td>ECLASS-8.0</td><td>27060307</td></td>	<td>ECLASS-8.0</td> <td>27060307</td>	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tarff number         85444290           3TIN         4048879197304           ackaging unit         1           Electrical data   Supply           Dorrenting voltage DC max.         60 V           Durent operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Pata transmission rate max.         100 MBI//s           Industrial communication   Ethernet functionality           Upupex         Full duplex           Industrial communication   Ethernet functionality           Upupex         Full duplex           Industrial commonication   Ethernet functionality           Upupex         M12 x 1           Device protection   Electrical           Vadictional condition protection degree         3           Pollution Degree         3           Rated suge eviltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Vickeled           Doating of fitting         nickel plated	ECLASS-9.0	27060307	
ECLASS-12.0         27060307           ETIM-5.0         EC002599           subtoms tariff number         85444290           3TIN         4048879197304           Packaging unit         1           Electrical data   Supply           Deperating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Fransfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional industrial condition protection   Electrical           Stripping length (jacket)         20 mm           Meditional condition protection degree         inserted, screwed           Stripping length (jacket)         20 mm           Meditional condition protection degree         inserted, screwed           Stripping length (jacket)         3           Rated surge voltage         1,5 kV           Valuation protection degree         inserted,	ECLASS-10.1	27060307	
ETIM-5.0 EC002599  2015 ton stariff number 85444290  2017 AvaRaging unit 1  Electrical data   Supply  20 parating voltage DC max. 60 V  20 parating voltage DC max. 1,5 A  Industrial communication  Fransfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)  2014 taransmission rate max. 100 MBit/s  Undustrial communication   Ethernet functionality  Undustrial composition   Electrical  Un	ECLASS-11.1		
bustoms tariff number         85444290           DaTIN         4048879197304           Packaging unit         1           Electrical data   Supply           Deperating voltage DC max.         60 V           Deparating 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 functionality           duplex         Full duplex           Infustial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection	ECLASS-12.0		
Additional condition protection degree   1.5 kV	ETIM-5.0		
Packaging unit 1  Electrical data   Supply  Derating voltage DC max. 60 V  Derating voltage DC max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBIt/s  Industrial communication   Ethernet functionality  Juliplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Depre 3  Palated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Douting fitting inickel plated  Douting locking Nickeled  Douting of fitting inickel plated  Junc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	customs tariff number		
Electrical data   Supply  Derating voltage DC max. 60 V  Durrent operating per contact max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  Upuplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Paled surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating of fitting nickel plated  Locking material Sirve Connection in incicel plated  Material screw connection Zirc dei-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection of the control of the casting of the casti			
Operating voltage DC 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 functionallity  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking inserted   Zinc die-casting  Material screw connection   Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Packaging unit	1	
Current operating per contact max. 1,5 A  Industrial communication  Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Coating locking anaterial Zinc die-casting  Metanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Electrical data   Supply		
Industrial communication Fransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality Buylex Full duylex Installation   Connection Stripping length (jacket) 20 mm Wounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Contour for corrugated hose without  Mechanical data   Material data   Material data Contour for diffing nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting Methanical data   Mounting data Mounting method inserted, screwed, Shaking protection	Operating voltage DC max.	60 V	
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication   Ethernet functionality  duplex Full duplex Installation   Connection  Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Methanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	Current operating per contact max.	1,5 A	
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material corrugated would inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Industrial communication		
Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  druplex Full duplex  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material corrugated would inserted, screwed, Shaking protection  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)	
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Jackel plate	Data transmission rate max.	100 MBit/s	
Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Contour for corrugated hose without  Mechanical data   Material data Contour for incident of fitting nickel plated Coating locking Nickeled Coating of fitting nickel plated Coating aterial Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	Industrial communication   Ethernet fur	ectionality	
Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Contour for corrugated hose without  Mechanical data   Material data Contour for incident of fitting nickel plated Coating locking Nickeled Coating of fitting nickel plated Coating aterial Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection	dunlex	Full duplex	
Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		T dir daplox	
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection			
Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Coating material zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	11 0 0 0 7		
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Coating material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection		M12 x 1	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Coating material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Device protection   Electrical		
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Additional condition protection degree		
Material group (IEC 60664-1)  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Methanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection			
Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Zinc die-casting Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Rated surge voltage		
Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Atterial screw connection  Mechanical data   Mounting data Mounting method  without  without  without  without  without  without  Nickeled  Nickeled  Zoating of fitting nickel plated  Zinc die-casting  Mechanical data   Mounting data  wounting method  inserted, screwed, Shaking protection		I	
Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  Zinc die-casting  Mechanical data   Mounting data  Mounting method  inserted, screwed, Shaking protection	Mechanical data		
Coating locking  Nickeled Coating of fitting nickel plated Cocking material Cocking material  Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Contour for corrugated hose	without	
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Mechanical data   Material data		
Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Coating locking	Nickeled	
Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Coating of fitting		
Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Locking material	·	
Mounting method inserted, screwed, Shaking protection	Material screw connection		
Mounting method inserted, screwed, Shaking protection	Mechanical data   Mounting data		
		inserted screwed Shaking protection	
Environmental characteristics   Climatic			
	Environmental characteristics   Climatic		



stay connected

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
•	700
Cable identification	796
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	white, yellow, blue, orange
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Cable weigth	69,3 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
Color (inner jacket)	natur
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
Lancard Control Contro	
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Ingredient freeness wire insulation  Amount strands (wire)	lead-free, CFC-free, halogen-free 7
Amount strands (wire)	7
Amount strands (wire) Diameter of single wires	7 22 AWG
Amount strands (wire)  Diameter of single wires  Conductor crosssection (wire)	7 22 AWG 22 AWG
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	7 22 AWG 22 AWG Stranded copper wire, bare
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s -40 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C
Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	7 22 AWG 22 AWG Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz 55 Ω/km @ 20 °C 5000 MΩ × km 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C -30 °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
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m