

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded vt UL/CSA+drag ch. 7.5m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

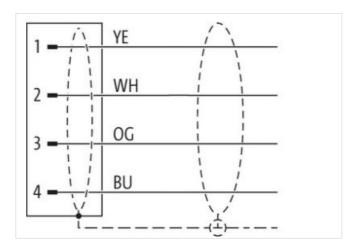
Plastic housings with good resistance against chemicals and oils.

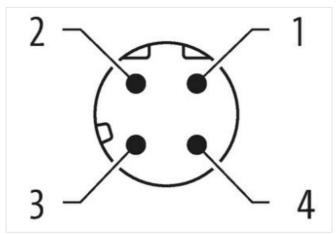
The resistance to aggressive media should be individually tested for your application. Further details on request.

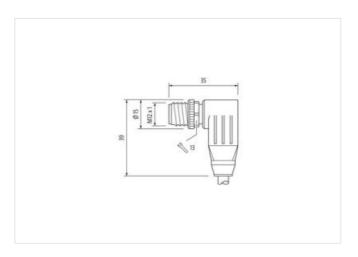
Link to Product

Illustration









Product may differ from Image











Cable length

7,5 m



stay connected

Manufact Martical	Side 1	
Missing Miss	Tightening torque	0,6 Nm
Process M12 x 1	Mounting method	inserted, screwed
December	Family construction form	M12
Adaminal PUR Width across fistas SW13 Site 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (EN IEC 60529) Site 2 Stripping Ingrift (dacket) 20 mm COMMENCIAL SECTION (EN IEC 60529) SITE 2 STRIPPING INGRIFT (COMMENCIAL SECTION (EN IEC 60529) CCLASS 6.0 27061801 CCLASS 6.1 27064907 CCLASS 7.0 27063907 CCLASS 7.0 27063907 CCLASS 8.0 27063907 CCLASS 8.0 27063907 CCLASS 8.1 1 27063907 CCLASS 11.1 2706390	Thread	M12 x 1
Width across flats	Coding	
Degree of protection (EN IEC 60528) IP65, IP68K, IP67 Side 2 Signify (packet) 20 mm Commercial data CLASS 6.0 27061801 CLASS 7.0 27063007 CLASS 8.0 27063007 CLASS 8.0 27063007 CLASS 10.1 27063007 CLASS 11.1 27063007 CLASS 11.1 27063007 CLASS 11.1 27063007 ECLASS 11.1 27063007 CCLASS 11.1 27063007 ECLASS 11.1 27063007 ECLASS 11.1 27063007 ECLASS 11.1 27063007 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27060307 ECLASS 11.1 27063007 <td>Material</td> <td></td>	Material	
Side 2 Commercial data CLASS-R-0 27061801 CLASS-6-1 27060307 CLASS-70 27060307 CLASS-9.0 27060307 CLASS-9.0 27060307 CLASS-11.1 27060307 CLASS-11.1 27060307 CLASS-12.0 27060307 CLASS-12.0 27060307 CLASS-10.1 68444290 SITIM 40 M8879197243 Stations tariff number 68444290 SITIM 50 Percentage of Commercial Supply 60 V Operating per contact max. 1.5 A Industrial communication 1.5 A Industrial communication 1.5 A Industrial communication [Ethernet functional state of the communication of the		
Stripping length (lacked) 20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data CLASS-6.0 27061801 CLASS-7.0 27060307 CLASS-8.0 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 ETIM-5.0 EC002599 STIN 404897197243 Packaging unit 1 Electrical data Suppty Durrent operating per contact max. 1,5 A Industrial communication For Assard parameters Transfer parameters CAT5, Class D (ISO/IEC 11801.2002), (EN 50173-1) Sabat transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Unplex Full duplex Industrial communication Ethernet functionality Bripping length (socket) 20 mm Actional condition protection degree 3 Actional condition protection degree 3 Valution Degree 3	Side 2	
CLASS-6.0 27061801 27060307 CLASS-8.0 27060307 CCLASS-9.0 27060307 CCLASS-9.0 27060307 CCLASS-9.0 27060307 CCLASS-9.0 27060307 CCLASS-1.1 27060307 CCLASS-1.1 27060307 CCLASS-1.1 27060307 CCLASS-1.1 27060307 CCLASS-1.2 270603	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-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.0 ECO02599 usustoms tariff number 85444290 STIN 4048879197243 Tarakaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Deparating voltage DC max. 60 V Deparating 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 MBitrs Industrial communication Ethernet functionality August a manufaction Ethernet functionality Deparating voltage DC max. 100 MBitrs Industrial Connection Stripping length (lacket) 20 mm Mounting set M12 x 1 Device protection Electrical Volution Degree 3 Taraket agray voltage 1,5 kV Material group (IEC 606641) 1 Mechanical data Mechanical data Material data Conting of filting nickel plated Cocking of filting nickel plated Cocking of filting nickel plated Cocking of filting nickel casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Commercial data	
CLASS-7.0 27060307	ECLASS-6.0	27061801
CLASS-8.0 27060307	ECLASS-6.1	27060307
CLASS-9.0 27060307	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 usustoms tarff number 85444290 STIIN 4048979179743 Packaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Deparating voltage DC max. 60 V Deparating 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 MBil/s Industrial communication Ethernet functionality Upper (Industrial communicational condition Ethernet functionality Upper (Industrial communication Ethernet functionality Upper (Industrial communication Ethernet functionality Upper (Industrial communicational condition E	ECLASS-8.0	27060307
ECLASS-1.1.1 27060307 ECLASS-12.0 27060307 ETIMS-5.0 EC002599 sustoms tarff number 85444290 3TIN 4048879197243 Packaging unit 1 Electrical data Supply Operating 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 MBib's Industrial communication Ethernet functionality Upuplex Full duplex Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Call cols	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC002599 sustoms tariff number 85444290 3TIN 4048879197243 Packaging unit 1 Electrical data Supply Operating 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 functional industrial communicational industrial industrial communicational industrial industrial communicational industrial communicational industrial industrial communicational industrial industrial communicational industrial indu	ECLASS-10.1	27060307
ETIM-5.0 EC002599 sustoms tariff number 85444290 STIN 4048879197243 Packaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Surrent operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Stata transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Unique Stripping length (jacket) 20 mm Surrent operating set M12 x 1 Device protection Electrical Volution action protection degree inserted, screwed Pollution Degree 3 Stated suge voltage inserted, screwed Pollution Degree 3 Stated suge voltage inserted, screwed Pollution To corrugated hose without Mechanical data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour for corrugated hose without Mechanical data Material data Contour f	ECLASS-11.1	
automs tariff number 85444290 DaTIN 4048879197243 Packaging unit 1 Electrical data Supply Dorrating voltage DC max. 60 V Dorrating 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 Industrial communication Ethernet functionality Industrial communication Ethernet functionality Industrial communication Ethernet functionality Industrial Connection Industrial Connection Industrial Connection Industrial Connection Industrial Connection Installation Connection	ECLASS-12.0	
Artin 4048879197243 Packaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Durrent operating per contact max. 1,5 A Industrial communication Fransier parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Deta transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Ruplex Full duplex Industrial communication Ethernet functionality Ruplex Full duplex Industrial communication Ethernet functionality Ruplex Full duplex Industrial communication Ethernet functionality Ruplex Material properties of the pro	ETIM-5.0	
Packaging unit 1 Electrical data Supply Deparating voltage DC max. 60 V Deparating 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 Buplex Full duplex Industrial communication Ethernet functionality Buplex 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 Donotor for corrugated hose without Mechanical data Material data Docating locking Nickeled Docating of fitting nickel plated Jinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection	customs tariff number	
Electrical data Supply Operating voltage DC max. 60 V Ourrent operating per contact max. 1,5 A Industrial communication Firansfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Outat transmission rate max. 100 MBit/s Industrial communication Ethernet tunctionality Upplex 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 Alterda surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating of lifting nickel plated Joaching locking Nickeled Joaching locking Nickeled Joaching locking Nickeled Joaching locking Zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection		
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 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 Alaterial group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking inserted Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Packaging unit	1
Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet 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 inserted in ickel 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	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 Industrial co	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 Locking material Methanical 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 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 corrugated without Methanical data Muniting data Mounting method 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 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 corrugated without Methanical data Muniting data Mounting method 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 Jocking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Data transmission rate max.	
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 Jocking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Industrial communication Ethernet fur	octionality
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 Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	·	,
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 Locking material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		i dii dupiex
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 Coating 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	Mounting set	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	
Acted 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	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) 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	Pollution Degree	3
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	1,5 kV
Mechanical data Material data Coating locking Coating of fitting Coating of fitting Cocking material Cocki	Material group (IEC 60664-1)	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 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 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	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		Nickeled
Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection		
Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Locking material	·
Mechanical data Mounting data 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 Climation	



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)
	DIV LIV OTOTO L TOT (MTL)
Installation Cable	
Cable identification	798
Jacket Color	violet
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.
Cable weigth	68,64 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
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	22 AWG Stranded copper wire, bare
Material conductor wire	Stranded copper wire, bare
Material conductor wire Traversing distance (C-track)	Stranded copper wire, bare 5 m @ 25 °C
Material conductor wire Traversing distance (C-track) Current load capacity (standard)	Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance	Stranded copper wire, bare 5 m @ 25 °C to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire	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
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire)	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
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power)	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 300 V 50000 pF/km
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	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 300 V 50000 pF/km 2 kV @ 60 s
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 300 V 50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 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
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 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 IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Material conductor wire Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire 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)	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 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



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.	
Torsion stress	± 180 °/m	