

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

PUR 1x4xAWG22 shielded rd UL/CSA+drag ch. 3m

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

Transmission properties with channel transmission up to 100 m

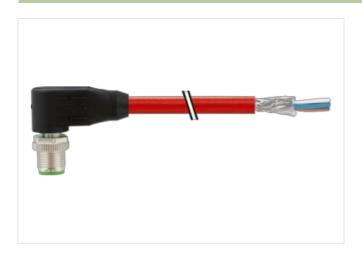
Further cable lengths on request.

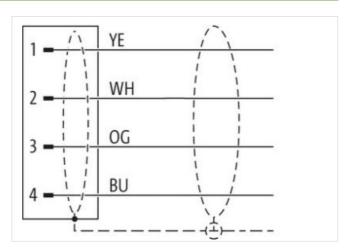
Plastic housings with good resistance against chemicals and oils.

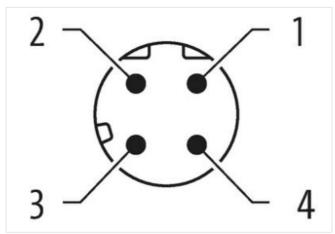
The resistance to aggressive media should be individually tested for your application. Further details on request.

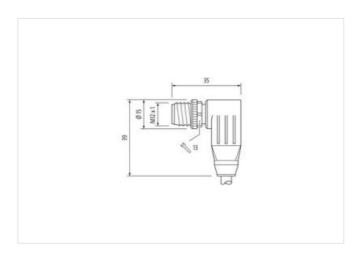
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

3 m



stay connected

Manufact   Maria   M	Side 1	
Part	Tightening torque	0,6 Nm
Price   Pric	Mounting method	inserted, screwed
December	Family construction form	M12
Adaminal PUR Width across fistas SW13  Site 2  Stripping Ingrift (dacket) 20 mm  COMMENCIAL SEC. 40.0 27061801  CCLASS 6.0 27061801  CCLASS 6.1 27060307  CCLASS 7.0 27060307  CCLASS 7.0 27060307  CCLASS 8.0 27060307  CCLASS 8.1 27060307  CCLASS 9.1 2 27060307	Thread	M12 x 1
Width across flats	Coding	
Degree of protection (EN IEC 60529)         IP66, IP66K, IP67           Side 2           Side 3         Side 3           Signiping langlah (lacket)         20 mm           Commercial data           ECLASS-6.0         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-10.1         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.1         27060307           ETIMS-0         ECO02599           SECHASIAN (Lacked)         1           EECICICAL STATE (Lacked)         1           EECICICAL STATE (Lacked)         60 V           Dument operating voltage DC max.         60 V           Dument operating por contact max.         1.5 A           Transfer parameters         CATS, Class D ((SO)IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MB/I/s           Industrial communication   Ethernet transmission rate max.         100 MB/I/s           Industrial communication   Ethernet transmission rate max.         100 MB/I/s           Industrial communication   Ethernet transmission rate max.         100 MB/I/s           Indus	Material	
Side 2           Commercial data           CLASS-R-0         27061801           CLASS-6-1         27068007           CLASS-70         27068007           CLASS-9.0         27068007           CLASS-9.0         27068007           CLASS-11.1         27060007           CLASS-11.1         27060007           CLASS-12.0         27060007           CLASS-12.0         27060007           CLASS-10.0         E0002599		
Commercial data	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-11.1         27060307           CLASS-12.0         27060307           ETIM 5.0         EC002599           ETIM 5.0         EC002599           20 CLASS-12.0         27060307           21 CLASS-12.0         27060307           20 CLASS-12.0         27060307           ETIM 5.0         EC002599           20 CLASS-12.0         27060307           21 CLASS-12.0         27060307           22 CLASS-12.0         27060307           23 CLASS-12.0         27060307           24 CLASS-12.0         27060307	Side 2	
CLASS-6.0   27061801   27060907   CLASS-8.0   27060907   CCLASS-9.0   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   CCLASS-12.0   CCCASS-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-11.1 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-12.0 27060307  ECLASS-13.0 ECO02599  usustoms tariff number 85444290  STIN 4048879408352  Tarackaging 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 MBit/s  Industrial communication   Ethernet functionality  August a manufaction   Ethernet functionality  Deparating voltage DC max. 100 MBit/s  Industrial communication   Ethernet functionality  Deparating voltage May 12 x 1  Device protection   Ethernet functionality  Addunting set M12 x 1  Device protection   Electrical degree   Inserted, screwed  Pollution Degree 3  Rated surge voltage   1,5 kV  Addurding of protection degree   Inserted, screwed  Pollution Degree 3  Rated surge voltage   1,5 kV  Addurding of protection degree   Inserted, screwed  Pollution Degree   3  Rated surge voltage   1,5 kV  Addurding of protection degree   Inserted, screwed  Pollution Degree   3  Rated surge voltage   1,5 kV  Addurding of protection degree   Inserted, screwed  Pollution Degree   3  Rated surge voltage   1,5 kV  Addurding of protection degree   Inserted, screwed  Pollution Degree   3  Rated surge voltage   1,5 kV  Addurding of protection degree   1,5 kV  Addurd	Commercial data	
CLASS-7.0   27060307   CLASS-8.0   27060307   CLASS-8.0   27060307   CLASS-9.0   27060307   CLASS-10.1   27060307   CLASS-11.1   27060307   CLASS-12.0   27080307   CLASS-12.0   27080307   CLASS-12.0   27080307   CLASS-12.0   CLASS-12.0   27080307   CLASS-12.0   CL	ECLASS-6.0	27061801
CLASS-8.0   27060307	ECLASS-6.1	27060307
CLASS-9.0   27060307   CLASS-10.1   27060307   CLASS-10.1   27060307   CCLASS-11.1   27060307   CCLASS-12.0   27060307   CCLASS-12.0   27060307   CCLASS-12.0   27060307   CCLASS-12.0   CCCASS-12.0   CCCASS-12.0   CCCCASS-12.0   C	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599  usustoms tarff number 85444290 BTIN 404887940852 Packaging unit 1  Electrical data   Supply  Deparating voltage DC max. 60 V  Deparating voltage DC max. 60 V  Industrial communication  Irransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  Upper a more protection   Ethernet functionality  Upper a more protectionality  Upper a more protection   Ethernet functionality  Upper a more protectionality  Upper a	ECLASS-8.0	27060307
ECLASS-1.1.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tarff number         85444290           3TIN         4048873406352           Packaging unit         1           Electrical data   Supply         Deparating voltage DC max.           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           Carte parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           star taramsinission rate max.         100 MBib's           Industrial communication   Ethernet functionality           upupex         Full duplex           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Validitional condition protection degree         inserted, screwed           Pollution Degree         3           Rated suge voltage         1,5 kV           Meterial group (IEC 60664-1)         1           Controur for corrugated hose         without           Mechanical data   Material data         Vickeled           Coating of fitting         nickel plated           Locki	ECLASS-9.0	27060307
ECLASS-12.0         27060307           ETIM-5.0         EC002599           sustoms tariff number         85444290           3TIN         4048879406352           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Durrent operating per contact max.         1,5 A           Industrial communication         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 industrial condition protection   Electrical industrial condition protection degree         30 mm           Stripping length (jacket)         20 mm           Moditional condition protection degree         inserted, screwed           Vollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Victorial industrial communication incivel plated           Coating of fitting         nickel plate	ECLASS-10.1	27060307
ETIM-5.0 EC002599  sustoms tariff number 85444290  STIN 404879406352  Packaging unit 1  Electrical data   Supply  Deparating voltage DC max. 60 V  Current 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 May 100 MBit/s  Industrial group (IEC 60664-1)	ECLASS-11.1	
Section   Sect	ECLASS-12.0	
Additional condition protection degree   1.5 kV	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  Durrent operating per contact max. 1,5 A  Industrial communication  Firansfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Obata transmission rate max. 100 MBit/s  Industrial communication   Ethernet tunctivality  Industrial communication   Ethernet functivality  Industri		
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 indicated in ickel plated  Locking material correction in ickel plated  Locking material data   Munting data  Mounting method inserted, screwed, Shaking protection  Mechanical data   Munting 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 Zinc die-casting Material screw connection Zinc die-casting 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  Mechanical 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  Mechanical 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  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  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection	Industrial communication   Ethernet fun	ctionality
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) 1  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	•	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	
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 Nickeled Coating of fitting nickel plated Cocking material C	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   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	
•	
Cable identification	792
Jacket Color	red
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	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
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
T	
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	5 m @ 25 °C to DIN VDE 0298-4
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	to DIN VDE 0298-4 4,8 A
Current load capacity (standard) Current load capacity min. wire Characteristic impedance	to DIN VDE 0298-4 4,8 A 100 Ω ± 15 % @ 100 MHz
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire	to DIN VDE 0298-4  4,8 A  100 Ω ± 15 % @ 100 MHz  55 Ω/km @ 20 °C
Current load capacity (standard) Current load capacity min. wire Characteristic impedance Electrical resistance line constant wire Loop resistance	to DIN VDE 0298-4  4,8 A  100 Ω ± 15 % @ 100 MHz  55 Ω/km @ 20 °C  5000 MΩ × km
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)	to DIN VDE 0298-4  4,8 A  100 Ω ± 15 % @ 100 MHz  55 Ω/km @ 20 °C  5000 MΩ × km  300 V
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)	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
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	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
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)	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
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)	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
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)	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
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)	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
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)	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
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)	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



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.
Torsion stress	± 180 °/m