

M12 male 90° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 2m

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

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

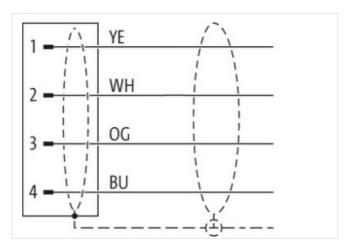
Plastic housings with good resistance against chemicals and oils.

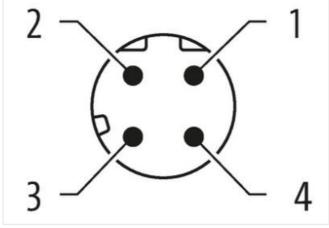
The resistance to aggressive media should be individually tested for your application. Further details on request.

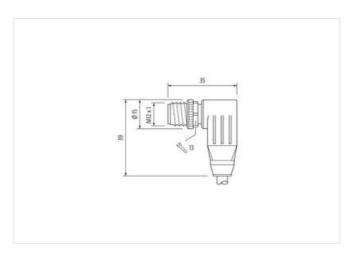
Link to Product

Illustration









Product may differ from Image











Cable length

2 m



stay connected

	Side 1	
Section Miscontent Miscon	Tightening torque	0,6 Nm
Tread M12 x 1 D D D D D D D D D	Mounting method	inserted, screwed
December	Family construction form	M12
Adams PUR Width across (files) PUR	Thread	M12 x 1
Night across field	Coding	
Pega	Material	
Side 2 Commercial data Commercial data CLASS-6.0 27061801 CLASS-6.1 27063907 CLASS-8.0 27063907 CLASS-9.0 27063907 CLASS-9.0 27063907 CLASS-11.1 27063907 CLASS-12.0 27063907 CLASS-12.0 27063907 CLASS-12.0 27063907 STIMS-0 E0002599 Ustoms fariff number 85444290 STIMS-0 E0002599 Ustoms fariff number 85444290 STIMS-0 E0002599 Ustoms fariff number 85444290 STIMS-0 E0002599 Ustoms fariff number 80 V Departing per contact max. 1.5 A Industrial communication 1.5 A Industrial communication 1.0 MBits Industrial communication Ethernet functional tumber of	Width across flats	
Stripping length (lackedt) 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 9.0 27060307 CLASS 9.0 27060307 CLASS 9.1.1 27060307 CLASS 9.1.1 27060307 CLASS 9.0 27060307 CLASS 10.0 27060307 CLASS 11.1 27060307 CLASS 12.0 27060307 CLASS 12.0 27060307 CHAST 12.0 27060307 CHAST 13.0 EC002599 Use start in flumber 85444290 20 TIM 5.0 EC002599 Device ground of the start in flumber 1 Electrical data [Supty Supparting voltage DC max. Lower of operating per contact max. 1,5 A Industrial communication Industrial communication [Electrical start rearms show rate max. 10 M Bit/s Industrial communication Electrical start rearms show rate max. 10 M Bit/s Industrial communication Electrical start rearms show rate max. 10 M Bit/s I	Side 2	
CLASS 6.0 27061801 CLASS 6.1 27060307 CLASS 8.0 27060307 CLASS 8.1.1 27060307 CLASS 8.1.1 27060307 CLASS 8.1.2 27060307 CLASS 8.1.0	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-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 Ususions tariff number 85444290 ETIM-5.0 EC002599 Ususions tariff number 1 EElectrical 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 (ISC/IEC 118012002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Ruplex Full duplex Industrial communication Ethernet functionality Ruplex Event Service of the se	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 2700307 CLASS-12.0 2700307 CLASS-12.0 2700307 CLASS-12.0 CLA	ECLASS-6.0	27061801
CLASS-8.0 27060307	ECLASS-6.1	27060307
CLASS-9.0 27060307	ECLASS-7.0	27060307
CLASS-10.1 27060307 2706030	ECLASS-8.0	27060307
CCLASS-1.1.1 27060307 27060	ECLASS-9.0	27060307
### ### ### ### ### ### ### ### ### ##	ECLASS-10.1	27060307
ETIM-5.0 EC002599 ustoms tariff number 85444290 ATIN 4048879311380 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Departing voltage DC max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Value transmission rate max. 100 MBit/s Uniquistrial communication Ethernet functionality Uniquex Full duplex Industrial communication Ethernet functionality Unique Mounting set M12 x 1 Device protection Electrical Volution Degree 3 Atated surge voltage inserted, screwed Pollution Degree 3 Atated surge voltage inserted, screwed Volution Degree 3 Atated surge voltage without inserted, screwed Volution Degree inserted, screwed Volution Degree inserted, screwed Volution Ataterial group (IEC 60664-1) 1 Mochanical data Volution Mechanical data Material data Volution Material group (IEC 60664) Inserted data Material group (IEC 60664) Inserted data Material group (IEC 60664) Inserted data Material data Mat	ECLASS-11.1	
automs tariff number 85444290 2TIN 4048879311380 Packaging unit 1 Electrical data Supply Dorrating voltage DC max. 60 V Dorrating per contact max. 1,5 A Industrial communication Industrial communication Enternet functionality Industrial communication Ethernet functionality Industrial Connection Industrial Connection Industrial Connection Industrial Connection Installation Connection <t< td=""><td>ECLASS-12.0</td><td></td></t<>	ECLASS-12.0	
Act	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 Industrial communi	customs tariff number	
Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Otata transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Iuruplex 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 Salated 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 Locating of served, Shaking protection of time red, screwed, Shaking protection of time red, screwed, Shaking protection of time red, screwed of time red, screwed Mechanical data Material data Locating of fitting nickel plated Locating of fitting nickel plated Locating of material in time red, screwed, Shaking protection of time red, screwed, Sha		
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 Industrial communication Ethernet funct	Packaging unit	1
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 Iuplex Full duplex Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Voiditional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Alaterial group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Dickel plated Locking material Zinc die-casting Methanical data Mounting data Mounting method inserted, screwed, Shaking protection	Electrical data Supply	
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 Iuppex Full duplex Installation Connection Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Violution Degree 3 Asted surge voltage 1,5 kV Material group (IEC 60664-1) 1 Impure Mechanical data Contour for corrugated hose without Mechanical data Material data Contour for fitting nickel plated Coding of fitting nickel plated Locking material correction Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Operating voltage DC max.	60 V
Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Iuplex 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 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 Iuplex 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 Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection	Industrial communication	
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality Iuplex 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 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 Methanical data Mounting data Mounting method inserted, screwed, Shaking protection	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 Coating locking Nickeled Coating locking nickel plated Locking material 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 Coating locking Nickeled Coating locking nickel plated Locking material 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 locking nickel plated Coating affitting nickel plated Additional 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 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 Cocking 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	
Asterd 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	
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		
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	Rated surge voltage	
Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Cocking material Atterial screw connection Mechanical data Mounting data Mounting method without without Nickeled Nickeled Nickeled Zinc die-casting Atterial screw connection Zinc die-casting Mechanical data Mounting data Mounting 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 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
Aderial 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 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)
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