

M12 female 0° A-cod. with cable

PUR AWG24+22 shielded vt UL/CSA+drag ch. 1m

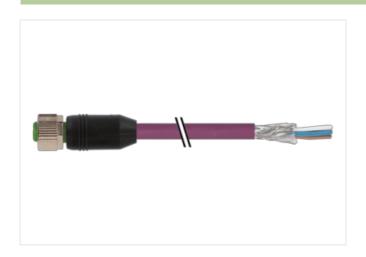
DeviceNet, CANopen Female straight M12, 5-pole A-coded

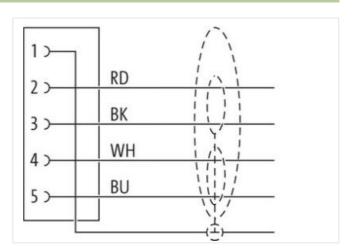
Plastic housings with good resistance against chemicals and oils.

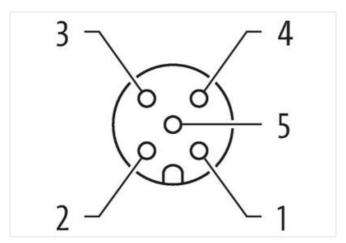
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

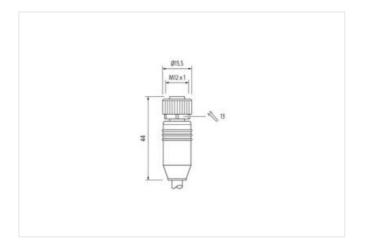
Link to Product

Illustration









Product may differ from Image













Cable length

1 m

Side 1

Tightening torque 0,6 Nm



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879199681
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
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)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	without
•	Nickeled
Coating locking	
Coating of fitting	nickel plated FKM
Material gasket Locking material	Zinc die-casting
Material screw connection	Zinc die-casting Zinc die-casting
	Zino dio-oasting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 ℃
Additional condition temperature range	depending on cable quality
Conformity	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-18



stay connected

Inabiation Cable Cable identification 863 Injured Color violet	Product standard	DIN EN 61076-2-101 (M12)
Jacket Color Violet	Installation Cable	
Jacket Color Violet	Cable identification	803
Type of Certificate CURus		
Amount stranding 1 Stranding 2 wires bytelot Amount stranding (type 2) 1 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 2 Stranding (type 2) 3 Stranding (type 2) 4		
Stratcring 2 wires twisted Amount standing (type 2) 1 Cable shieting (type) coppor braid, finned Cable shieting (type) coppor braid, finned Cable shieting (coverage) 65 % Barding Foil Drain wire (cross-section) 22 AWG wire arrangement (white, blue), (black, red) No. of bending cycles (C-rack) 1 Mio. Cable weight 83.12 g/m Material jacket PUR Shore hardness jacket 90 + 5 Shore A Freedom from ingredients (jacket) 64 ± 5 % Tolerance outer farmeter (feebalt) 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter insulation 2,1 mm Outer diameter insulation 64 ± 5 Shore D Ingredient freeness were insulation 64 ± 5 Shore D Ingredient freeness were insulation 64 ± 5 Shore D Ingredient freeness were insulation 64 ± 5 Shore D Diameter of single wires 24 AWG Canu		
Amount stranding (type 2) 2 Stranded joints twisted		
Stranding (type 2) 2 Stranded joints twisted		
Cable shielding (coverage) copper braid, finned Cable shielding (coverage) 65 % Barading Foil Drain wire (cross-section) 22 AWO No. of bending cycles (C-track) 1 Mo. No. of bending cycles (C-track) 1 Mo. Cable weight 65.12 g/m Material Jacket PUR Shore hardness jacket 90 ± S Shore A Freedom from incedents (jacket) 6.9 mm Tolerance outer diameter (sexhet) 5.5 % Material wire insulation PE Amount wires 2 Quiter diameter insulation 2.1 mm Outer diameter insulation 2.5 % North riskness wire insulation 2.5 % Amount strands (wire) 19 Diameter of single wire 24 AWG Conductor crosssection (wire) 24 AWG Conductor or insulation (Data) 1.5 mm Drain wire (cross-section) 22 AWG Conducted diameter wire insulation (Data) 1.5 mm Toler diameter wire insulation (Data) 1.5 mm Drain wire (cross-section)		
Banding Foil		·
Banding Foil Drain wire (cross-section) 22 AWG		
Drain wire (cross-section) 22 AWG		
wire arrangement (white, blue), (black, rad) No. of bonding cycles (C-track) 1 Mio. Cable weigh 63,12 pm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) ± 5 % Material were insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Impedient freamess wire insulation 64 ± 5 Shore D Ingredient freamess wire insulation (wire) 19 Diameter of single wires 24 AWG Conductor crossection (wire) 24 AWG Oral wire (cross-section) 22 AWG Outer diameter wire insulation (Data) PE Material vire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wir		
No. of bending cycles (C-track) 1 Milo. Cable weight 63,12 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 18 ± 5 Shore D Ingredient freeness wire insulation 18 ± 5 Shore D Ingredient freeness wire insulation (wire) 19 Diameter of single wires 24 AWG Conductor cross-section (wire) 24 AWG Drain wire (cross-section) 22 AWG Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) ± 5 % Ingredient freeness wire insulation (Data)		
Cable weigh 63.12 g/m Material jacket PUR Shore hardness jacket 90.15 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (shall) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material vive insulation (Data) PE Under diameter wire insulation (Data) PE Outer diameter wire insulation (Data) 1.5 mm Tolerance outer diameter wire insulat		
Material jacket PUR Shore hardness jacket 90 ± S Shore A Freedom from ingredients (jacket) 190 ± S Shore A Freedom from ingredients (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 19 9 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Conductor wire (sheath) 22 AWG Material conductor wire (copper stranded wire, finned 24 AWG Material conductor wire (sheath) 22 AWG Material wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 19 Diameter of single wires (Data) 2		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter losterance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation 64 ± 4 Shore D Ingredient freeness wire insulation 64 ± 4 WG Onductor crosssection (wire) 19 Diameter of single wires 24 AWG Orall wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) ± 53 % Ingredient freeness wire insulation (Data) ± 25 % Ingredient free		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor cross-section (wire) 24 AWG Drain wire (cross-section) 22 AWG Material surfactor wire insulation (but a) 25 mm Electrical function wire Data Material wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulat	•	
Tolerance outer diameter (sheath)		
Material wire insulation PE Amount wires 2 Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material wire insulation (brie) 24 AWG Duter diameter wire insulation (Data) PE Outer diameter wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1 lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crossection wire (Data) 22 AWG Conductor wire (Data) 20 AWG Conductor wire (Data) 6 Me		•
Amount wires 2 Outer diameter insulation 2.1 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material vire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 19 Diameter of single wires (Data) 2 Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 2 Amount strands wire (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 20 AWG Material conductor wire (Data) 20 AWG Conductor crosssection wire (Data) 20 AWG Material conductor wire (Data) 30 AWG Material conductor wire (Data) 4,5 A Current load capacity min. Wire (Data) 5 A MC Minumal vilada (Data) 5 AWG Minumal vilada (Data) 6 A Minumal vilada (D		
Outer diameter insulation 2,1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, finned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Ingredient freeness wire insulation (Data) 2 ead-free, CFC-free, halogen-free Amount strands wire (Data) 2 Diameter of single wires (Data) 2 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material very (Edata) 5 m Current load capacity (st	-	
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) P.E Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Ingredient freeness wire insulation (Data) 19 Diameter of single wires (Data) 2 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current		
Shore hardness wire insulation 64 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1ead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire (data) Power Charact		· · · · · · · · · · · · · · · · · · ·
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 24 AWG Conductor cross-section (wire) 24 AWG Data (manufacture) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (data) ± 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) 29 AWG Conductor crosssection wire (Data) 29 AWG Material conductor wire (Data) 29 AWG Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire Data Electrical function wire (Data) Power Current load capacity min. wire Data Electrical function wire (Data) Power Current load capacity min. wire A,5 A Current load capacity min. wire Data Electrical function wire (Data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Amount strands (wire) Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Ingredient freeness wire insulation (Data) 1ead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 2 2 AWG Conductor crosssection wire (Data) 2 2 AWG Material conductor wire (Data) Electrical function wire (Data) Power Traversing distance (C-track) 5 m Current load capacity (standard) Current load capacity min. wire A,5 A Electrical function wire (Data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance locating wire (Data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance locating wire (Data) Powm Nominal voltage power AC max. 300 V	-	
Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω±10 % 0 1 MHz Electrical resistance li	-	
Conductor crosssection (wire) 24 AWG Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (data) ± 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω±10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km		
Drain wire (cross-section) 22 AWG Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Material conductor wire copper stranded wire, tinned Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) ± 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Electrical function wire Data Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) ± 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Nominal voltage power AC max. 300 V		
Material wire insulation (Data) PE Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (Data) $\pm 53\%$ Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Gurrent load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V		
Outer diameter wire insulation (Data) 1,5 mm Tolerance outer diameter wire insulation (data) \pm 53 % Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Clarchical function wire (data) Power Electrical function wire (Data) 6 A Electrical function wire (Data) Power Characteristic impedance 120 $\Omega \pm$ 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V		
Tolerance outer diameter wire insulation (data) $\pm 53\%$ Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V		
Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V		
Amount wires (Data) 2 Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V		
Amount strands wire (Data) 19 Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire (data) Power Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\% $ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V		
Diameter of single wires (Data) 22 AWG Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω/km Electrical resistance coating wire (Data) 54 Ω/km Nominal voltage power AC max. 300 V	Amount wires (Data)	
Conductor crosssection wire (Data) 22 AWG Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm$ 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Amount strands wire (Data)	19
Material conductor wire (Data) copper stranded wire, tinned Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Nominal voltage power AC max. 300 V	Diameter of single wires (Data)	22 AWG
Electrical function wire (data) Power Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Conductor crosssection wire (Data)	22 AWG
Traversing distance (C-track) 5 m Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 Ω ± 10 % @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Material conductor wire (Data)	copper stranded wire, tinned
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance 120 $\Omega \pm 10\%$ @ 1 MHz Electrical resistance line constant wire 78 Ω /km Electrical resistance coating wire (Data) 54 Ω /km Nominal voltage power AC max. 300 V	Electrical function wire (data)	Power
Current load capacity min. wire 4,5 A Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega/\text{km}$ Electrical resistance coating wire (Data) $54 \Omega/\text{km}$ Nominal voltage power AC max. 300 V		5 m
Current load capacity min. Wire (Data) 6 A Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega / \text{km}$ Electrical resistance coating wire (Data) $54 \Omega / \text{km}$ Nominal voltage power AC max. 300 V	Current load capacity (standard)	to DIN VDE 0298-4
Electrical function wire Data Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega \text{/km}$ Electrical resistance coating wire (Data) $54 \Omega \text{/km}$ Nominal voltage power AC max. 300 V	Current load capacity min. wire	4,5 A
Electrical function wire (data) Power Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega/\text{km}$ Electrical resistance coating wire (Data) $54 \Omega/\text{km}$ Nominal voltage power AC max. 300 V	Current load capacity min. Wire (Data)	6 A
Characteristic impedance $120 \Omega \pm 10 \% @ 1 \text{ MHz}$ Electrical resistance line constant wire $78 \Omega/\text{km}$ Electrical resistance coating wire (Data) $54 \Omega/\text{km}$ Nominal voltage power AC max. 300 V	Electrical function wire	Data
Electrical resistance line constant wire $78 \Omega / km$ Electrical resistance coating wire (Data) $54 \Omega / km$ Nominal voltage power AC max. $300 V$	Electrical function wire (data)	Power
Electrical resistance coating wire (Data) $54 \Omega/km$ Nominal voltage power AC max. $300 V$	Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Nominal voltage power AC max. 300 V	Electrical resistance line constant wire	78 Ω/km
	Electrical resistance coating wire (Data)	54 Ω/km
Electric capacitance (power) 40000 pF/km	Nominal voltage power AC max.	300 V
	Electric capacitance (power)	40000 pF/km

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-18



AC withstand voltage power (wire - shield)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m