

stay connected

RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 0,3m

Ethernet
Male straight – male straight
RJ45 – RJ45, 8-pole
shielded
Further cable lengths on request.

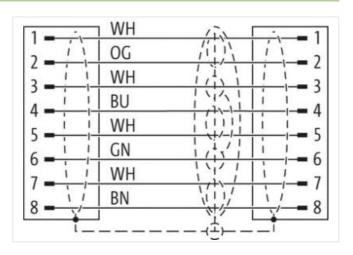
Plastic housings with good resistance against chemicals and oils.

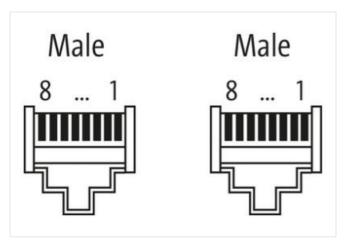
The resistance to aggressive media should be individually tested for your application. Further details on request.

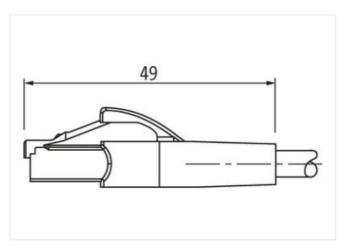
Link to Product

Illustration









Product may differ from Image









Cable length

0,3 m

Side 1

Mounting method inserted

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: 2024-04-30



Family construction form	RJ45
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Side 2	
Mounting method	inserted
Family construction form	RJ45
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
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	EC002599
customs tariff number	85444210
GTIN	4048879618793
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10 GBit/s
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Material housing	PUR
Locking material	PA
Mechanical data Mounting data	
Looking techniques	Snap-in connector
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



stay connected

Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Jacket Color Type of Certificate CPRUs Amount stranding Amount stranding Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) Cable shielding (type) Cable shielding (type) Cable shielding (covrage) Banding Foil Gable shielding (covrage) Banding Foil Foil Foil Wire arrangement (white, orange, (white, blue), (white, brown), (white, green) Cable weigh Matorial jacket PUR Shore hardness jacket Freedom from ingredients (jacket) Cuter-diameter (jacket) Cuter-diameter (jacket) Cuter-diameter (jacket) Cuter-diameter insulation PE Amount wires 8 Amount wires 8 Amount strandes wire insulation Cuter diameter insulation	Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	green cURus 4 2 wires twisted 1 4 Stranded joints twisted copper braid, tinned 65 %
Jacket Color Greinate Grein	Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	green cURus 4 2 wires twisted 1 4 Stranded joints twisted copper braid, tinned 65 %
Type of Certificate CURus Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braid, funned Cable shielding (coverage) 65 % Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weighth 52.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (insert diameter) (spekt) £ 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation \$ 5 Shore D Ingredient freeness wire insulation £ 5 % Shore hardness wire insulation £ 5 Shore D Ingredient freeness wire insulation £ 5 Shore D Diameter of single wire £ AWG Conductor crossection (wire) £ AWG Material conductor wire £ AWG	Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	cURus 4 2 wires twisted 1 4 Stranded joints twisted copper braid, tinned 65 %
Amount stranding	Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	4 2 wires twisted 1 4 Stranded joints twisted copper braid, tinned 65 %
Stranding 2 wires twisted	Stranding Amount stranding (type 2) Stranding (type 2)	2 wires twisted 1 4 Stranded joints twisted copper braid, tinned 65 %
Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 65 % Banding Foil (white, orange), (white, blue), (white, prown), (white, green) Cable weight 52.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) [acad-free, CFC-free, halogen-free Outer-diameter (jacket) 5.5 % Material write insulation PE Amount writes Shore hardness wire insulation PE Amount writes Shore hardness wire insulation [acad-free, CFC-free, halogen-free] Outer diameter tolerance core insulation 4.5 % Shore hardness wire insulation 5.5 % Shore hardness wire insulation 6.5 Shore D Ingredient freeness wire insulation 6.5 Shore D Ingredient freeness wire insulation 6.5 Shore D Ingredient freeness wire insulation 6.5 Shore D Diameter of single wires 2.6 AWG Conductor crosssection (wire) 7 Diameter of single wires 2.6 AWG Conductor crosssection (wire) 3.6 AWG Conductor crosssection (wire) 4.4 OWG Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (insu mice) 2.8 V @ 60 s Rechifical capacity line constant wire 4.4 OWG Fifm AC withstand voltage power (wire - wire) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Operating temperature max. (dynamic) 30 °C	Amount stranding (type 2) Stranding (type 2)	1 4 Stranded joints twisted copper braid, tinned 65 %
Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 65 % Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weight 52.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 5.4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter insulation 1,05 mm Outer diameter insulation 65 Shore D Ingredient freeness wire insulation 1,05 mm Under diameter share insulation 65 Shore D Ingredient freeness wire insulation 1,05 mm Ingredient freene	Stranding (type 2)	4 Stranded joints twisted copper braid, tinned 65 %
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 65 % Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weight 52.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 5.4 mm Oilderance outer diameter (sheath) 5.5 % Material wire insulation PE Arnount wires 8 Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter insulation 1,55 mm Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 8 Outer diameter of single wires 26 AWG Conductor crossection (wire) 26 AWG Conductor crossection (wire) 26 AWG Current load capacity min. wire 2 A Electrical resistance inte constant wire 140 Ω/km		copper braid, tinned 65 %
Cable shielding (coverage) 65 % Banding Foil wive arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weigth \$2,8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) 6,4 mm Tolerance outer diameter (sheeth) ± 5 % Material wris insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter 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 26 AWG Conductor crosssection (wire) 26 AWG Conductor crosssection (wire) 28 AWG Coursent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance 5000 MC x km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (prower)<		65 %
Cable shielding (coverage) 65 % Banding Foil wive arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weigth \$2,8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) 6,4 mm Tolerance outer diameter (sheeth) ± 5 % Material wris insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter 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 26 AWG Conductor crosssection (wire) 26 AWG Conductor crosssection (wire) 28 AWG Coursent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance 5000 MC x km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (prower)<	Cable shielding (type)	
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Cable weight \$2,8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 65 Shore D Ingredient freewises wire insulation 65 Shore D Ingredient freewises wire insulation 65 Shore D Ingredient freewises wire insulation 64 Free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (ine constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km <td>Banding</td> <td></td>	Banding	
Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power (wire - shield) 2 kV @ 60 s	wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter rolerance 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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) 4000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand v	Cable weigth	52,8 g/m
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Material jacket	PUR
Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter insulation ± 5 % Shore bardness wire insulation 65 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) 2 kV @ 60 s Power frequency 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 (m	Shore hardness jacket	89 Shore A
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C	Outer-diameter (jacket)	6,4 mm
Amount wires 8 Outer diameter insulation 1,05 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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity ene constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ x km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 30 °C Operating temperature min. (dynamic) 70 °C	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,05 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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency 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	Material wire insulation	PE
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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ x km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 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	Amount wires	8
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 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 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	Outer diameter insulation	1,05 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 7 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 \(\Omega \text{km} \) @ 20 °C Loop resistance 5000 \(\Omega \text{km} \) & wm Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	Shore hardness wire insulation	65 Shore D
Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency 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	Amount strands (wire)	7
Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	Diameter of single wires	26 AWG
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 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	Conductor crosssection (wire)	26 AWG
Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 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	Material conductor wire	Stranded copper wire, bare
Electrical resistance line constant wire 140 Ω/km @ 20 °C Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - ipacket) 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	Current load capacity (standard)	to DIN VDE 0298-4
Loop resistance 5000 MΩ × km Nominal voltage power AC max. 125 V Electrical capacity line constant (wire - wire) (power) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - jacket) 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	Current load capacity min. wire	2 A
Nominal voltage power AC max. Electrical capacity line constant (wire - wire) (power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire - wire) 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) 70 °C	Electrical resistance line constant wire	140 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire) 44000 pF/km AC withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 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	Loop resistance	5000 MΩ × km
(power) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 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	Nominal voltage power AC max.	125 V
Power frequency withstand voltage power (wire - jacket) 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	Electrical capacity line constant (wire - wire) (power)	44000 pF/km
(wire - jacket) 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) 70 °C -30 °C	AC withstand voltage power (wire - shield)	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	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 70 °C	Max. operating temperature (fixed)	80 °C
	Operating temperature min. (dynamic)	-30 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090	Operating temperature max. (dynamic)	70 °C
	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
	chemical resistance	
Gasoline resistance Good, application-related testing	Gasoline resistance	Good, application-related testing
	Oil resistance	- 11
	Bending radius (fixed)	
	Bending radius (dynamic)	10 x Outer diameter