

stay connected

RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 16m

Ethernet Male straight - male straight RJ45 - RJ45, 8-pole shielded

Further cable lengths on request.

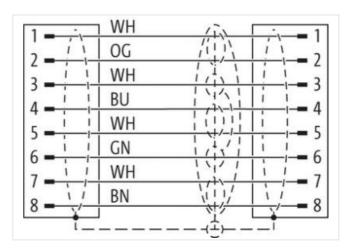
Plastic housings with good resistance against chemicals and oils.

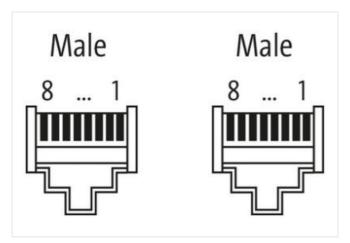
The resistance to aggressive media should be individually tested for your application. Further details on request.

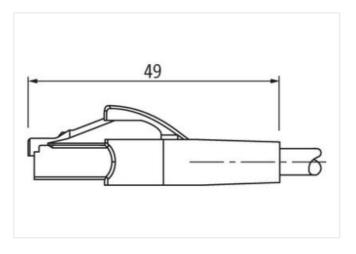
Link to Product

Illustration









Product may differ from Image











Cable length

16 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: 2024-06-21



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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	27279221
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	4048879703413
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.



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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.

		endangered by excessive bending forces.
Gabb instituction 790 Jackstot Color green Type of Conflicteds CURus Amount stranding 4 Stranding 2 wirse twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded points twisted Cable shieding (type) copport paid, tinned Aber shieding (type) copport paid, tinned Cable shieding (type) copport paid, tinned Aber shieding (type) copport paid, tinned Cable shieding (type) copport paid, tinned Aber shieding (type) paid File shieding (type) Aber shieding (type) paid Cable shieding (type) paid Cab	Installation Cable	
Jacket Color	wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Type of Certificate CURus Amount stranding 4 Amount stranding 2 wires twisted Stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braid, immed Cable shielding (coverage) 65 % Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weigh 52.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Preadom from ingredients (jacket) 6.4 mm Follarization 6.4 mm Follarization outer diameter (shealth) 1.5 % Material wire insulation PE Amount wires 8 Amount wires 8 Outer diameter insulation 1.05 mm Outer diameter insulation 2.5 % Shore hardness were insulation 1.64 kmc, CFC-free, halogen-free Amount strands (vire) 7 Diameter of single wires 2.6 AWG Conductor cressection (wire) 2.6 AWG <td>Cable identification</td> <td>790</td>	Cable identification	790
Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shelding (type) 65 % Cable shelding (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) 6.4 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1.05 mm Outer diameter insulation 6 Shore D Ingredient treeness wire insulation 6 Shore D Ingredient treeness wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D	Jacket Color	green
Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shelding (type) 65 % Cable shelding (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) 6.4 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1.05 mm Outer diameter insulation 6 Shore D Ingredient treeness wire insulation 6 Shore D Ingredient treeness wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D Ingredient region wire wire insulation 6 Shore D	Type of Certificate	cURus
Amount stranding (type 2) 1 Stranding (type) 4 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 65 % Banding F0I wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weigh \$2.8 g/m Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Cute-diameter (jacket) 6.4 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1.05 mm Shore hardness wire insulation 6.5 Shore D Shore hardness wire insulation 6.5 Shore D Ingredient folerance core insulation 6.5 Shore D Marker of wires 2.6 AWG Conductor crosssection (wire) 2.6 AWG Conductor crosssection (wire) 2.6 AWG Conductor crosssection (wire) 2.6 AWG Current load capacity, (standard) 1.0 D		4
Stranding (type 2) 4 Stranded joints twisted Cable shielding (type) copper braid, smed Cable shielding (type) 55 % Banding Foll wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weight 52,8 g/m Material jacket PUR Shore hardness jacket 98 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sacket) 6,4 mm Tolerance outer diameter (sacket) 7 Material were invaliation PE Amount wires 8 Outer diameter tolerance core insulation 1,5 mm Outer diameter tolerance core insulation 1,5 mm Outer diameter tolerance wire insulation 1,5 mm Ingredient freeness wire insulation 1,5 mm Outer diameter of single wires 2,5 kWG Conductor crossesswire insulation 1,5 fw Ingredient freeness wire insulation 1,5 fw Material conductor wire 2,5 kWG Comductor c		2 wires twisted
Cable shielding (coverage) 65 % 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 Cuter-diameter (glacket) 6.4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PE Amount wires 8 Outer diameter tolerance core insulation 1,05 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation 18 G AWG Conductor crossection (wire) 26 AWG Conductor crossection (wire) 26 AWG Contract load capacity (wire) 15 V Current lo	Amount stranding (type 2)	1
Cable shlekting (coverage) 65 % Banding Foil wire 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) lead free, CFC-free, halogen-free Outer-diameter (jacket) 6.4 mm Tolerance outer diameter (shall) 2.5 % Material wire insulation PE 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 65 Shore D Ingredient freeness wire insulation 10 Store Amount strands (wire) 7 Diameter of single wires Conductor crosssection (wire) 26 AWG Correct load capacity (wire) 25 WG Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 <td< td=""><td>Stranding (type 2)</td><td>4 Stranded joints twisted</td></td<>	Stranding (type 2)	4 Stranded joints twisted
Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weighh 52.8 g/m Material jacket PUR Shore hardness jacket 89. Shore A Freedom from ingredients (jacket) 6.4 mm Outer diameter (jacket) 6.4 mm Tolerance outer diameter (shealth) 1.5 % Amount wires 8 Outer diameter insulation PE Amount wires 8 Shore hardness wire insulation 1.05 mm Outer diameter insulation 5.5 % Shore hardness wire insulation 1.05 mm Outer diameter folerance core 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 8.5 WG Backer is single wires 2.6 AWG Conductor crossection (wire) 2.8 AWG Material conductor wire 1.5 V Current load capacity finin, wire 2.4 V 6.0	Cable shielding (type)	copper braid, tinned
wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weight 52,8 g/m Material jacket PUR Shore hardness jacket 99 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 6,4 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PE Amount wires 8 Outer diameter insulation 1,05 mm Outer diameter insulation 1,05 mm Outer diameter insulation 55 Shore B Shore hardness wire insulation 65 Shore B Ingredient freeness wire insulation 1,05 mm Uner diameter tolerance core insulation 25 % Shore hardness wire insulation 1,05 mm Ingredient freeness wire insulation 1,05 mm Outer diameter oblerance swire insulation 1,05 mm Outer diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire Siranded copper wire, bare Nominal voltage AC max. 125 V	Cable shielding (coverage)	65 %
Cable weigth 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) 6,4 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PE Amount wires 8 Outer diameter tolerance core insulation 1,05 mm Outer diameter tolerance core insulation 2.5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation 162 Nore 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 Nominal voltage AC max. 125 V Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical resistance line constant (wire - wire) 2 kV @ 60 s Isolation resistance 5000 MΩ x km	Banding	Foil
Material jacket PUR Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) £, 4 mm Tolerance outer diameter (sheath) £ 5 % Material wire insulation PE Amount wires 8 Outer diameter (lolarance core insulation 1,05 mm Outer diameter (lolarance core insulation £ 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation 65 MaG Conductor crossacction (wire vire) 26 AWG Conductor crossacction (wire vire) 26 AWG Current load capacity stand vol	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 shulation 65 Shore D Outer diameter insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 64 Shore D Ingredient freeness wire insulation 7 Diameter of single wires 26 AWG Conductor cossection (wire) 26 AWG Material very (stage AC max.) 125 V	Cable weigth	52,8 g/m
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 (naulation) 1,05 mm Outer diameter (bearance ocre insulation) ± 5 % Shore hardness wire insulation 65 Shore D Ingredient freeness wire insulation 65 Shore D Ingredient freeness wire insulation 16ad-free, CFC-free, halogen-free Amount strands (wire) 7 Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Diameter of single wires 25 V MG Conductor vire Stranded copper wire, bare Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard)	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 tolerance core insulation ± 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free 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 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 140 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Stollation resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	Shore hardness jacket	89 Shore A
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 lead-free, CFC-free, halogen-free 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 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 140 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Stollation resistance 5000 MΩ × km Min. operating temperature (static) -40 °C	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 Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity line constant viewer - wire) 44000 pF/km Power frequency withstand voltage (wire - shiel) 2 kV @ 60 s Isolation resistance 5000 MG × km Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operati	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 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (win- wire) 2 k Electrical resistance line constant wire 440 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (fixed) 30 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 30 °C Operating	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 Nominal voltage AC max. 125 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 140 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity (inc constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 M/Ω × km Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature max. (dynamic) 70 °C Operating temperature max. (dynamic)	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 Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - shield) 2 kV @ 60 s isolation resistance 5000 MΩ × km Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance <t< td=""><td>Amount wires</td><td>8</td></t<>	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 Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 4 4000 pF/km Power frequency withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature min. (dynamic) 70 °C Operating temperature max. (dynamic) 70 °C Filame resistance IEC 60332-2-2 UL 15	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 Mominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Fiame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance	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 Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -30 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404	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 Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - size) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - size) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical capacity line constant (wire - wire) 400 s Electrical resistance (static) 400 s Coperating temperature (static) 400 °C Derating temperature min. (dynamic) 70 °C Flame resistance Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - slacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -30 °C Operating temperature max. (dynamic) -70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Amount strands (wire)	7
Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - siacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Diameter of single wires	26 AWG
Nominal voltage AC max. 125 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - acket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Solotion resistance 5000 MΩ × km Min. operating temperature (static) 4-0 °C Max. operating temperature fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance EEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Conductor crosssection (wire)	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 AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 2 A Electrical resistance line constant wire 140 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Nominal voltage AC max.	125 V
Electrical resistance line constant wire 140 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Current load capacity min. wire	2 A
Electrical capacity line constant (wire - wire) 44000 pF/km Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Electrical resistance line constant wire	140 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Isolation resistance $5000 \text{ M}Ω \times \text{km}$ 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) $8 \times \text{Outer diameter}$	AC withstand voltage (wire - wire)	2 kV @ 60 s
AC withstand voltage (wire - shield) 2 kV @ 60 s Isolation resistance 5000 MΩ × km Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 × Outer diameter	Electrical capacity line constant (wire - wire)	44000 pF/km
Isolation resistance $5000 \text{ M}\Omega \times \text{km}$ Min. operating temperature (static) $-40 ^{\circ}\text{C}$ Max. operating temperature (fixed) $80 ^{\circ}\text{C}$ Operating temperature min. (dynamic) $-30 ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70 ^{\circ}\text{C}$ Flame resistanceIEC $60332\text{-}2\text{-}2 \mid \text{UL } 1581 \$ 1100 \text{FT2} \mid \text{UL } 1581 \$ 1090$ chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN $60811\text{-}404$ Bending radius (fixed) $8 \times \text{Outer diameter}$		2 kV @ 60 s
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	AC withstand voltage (wire - shield)	2 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) To °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Isolation resistance	5000 MΩ × km
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Operating temperature min. (dynamic)	-30 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 8 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	8 x Outer diameter
	Bending radius (dynamic)	10 x Outer diameter