

stay connected

## RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 3.7m

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

Further cable lengths on request.

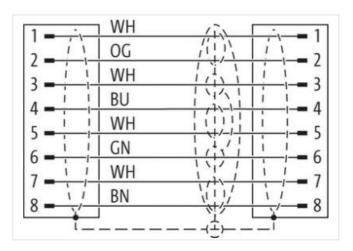
Plastic housings with good resistance against chemicals and oils.

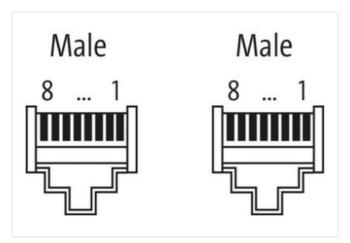
The resistance to aggressive media should be individually tested for your application. Further details on request.

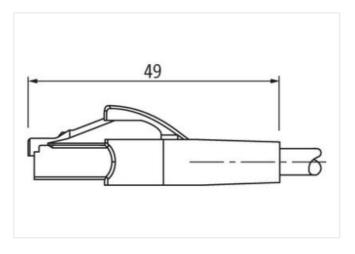
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

3,7 m

Side 1

Mounting method inserted



stay connected

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	07064904
ECLASS-6.0 ECLASS-6.1	27060307
ECLASS-7.0	27060307 27060307
ECLASS-7.0	27060307
ECLASS-8.0 ECLASS-9.0	27060307
ECLASS-9.0 ECLASS-10.1	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ETIM-5.0	EC002599
customs tariff number	85444210
GTIN	4048879809344
Packaging unit	1
Electrical data   Supply	
	60 V
Operating voltage DC max.  Current operating per contact max.	1,5 A
	1,0 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.

		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         8           Outer diameter (sheath)         2,5 %           Material wire insulation         1,05 mm           Outer diameter (sheath)         2,5 %           Shore bardness wire insulation         5 %           Shore bardness wire insulation         6 % fore D           Ingredient freeness wire insulation         6 % fore D           Ingredient freeness wire insulation         25 % fore D           Memount strands (wire)         26 AWG <td< td=""><td>Jacket Color</td><td>green</td></td<>	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         8           Outer diameter (sheath)         2,5 %           Material wire insulation         1,05 mm           Outer diameter (sheath)         2,5 %           Shore bardness wire insulation         5 %           Shore bardness wire insulation         6 % fore D           Ingredient freeness wire insulation         6 % fore D           Ingredient freeness wire insulation         25 % fore D           Memount strands (wire)         26 AWG <td< td=""><td>Type of Certificate</td><td>cURus</td></td<>	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           Markerial 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           Ingredient freenesswire insulation         1,5 fw           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           Cuter 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           Unter diameter tolerance core insulation         25 %           Shore hardness wire insulation         16 Shore B           Ingredient freeness wire insulation         18 Shore A           Conductor crosssection (wire)         26 AWG           Conductor crosssection (wire)         26 AWG           Material conductor wire         Siranded copper wire, bare           Nominal voltage wire - since (short wire)         125 V           Current load capacity (standard)         10 IN VID 6298-4	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 crossection (wire)         26 AWG           Material conductor wire         125 V           Current load capacity (standard)         to DIN VDE 0298-4	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         68 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 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           Max. operating temperat	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         68 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 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           Max. operating temperat	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 (static)         -40 °C           Max.	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) $-40 \text{ °C}$ Max. operating temperature (fixed) $80 \text{ °C}$ Operating temperature min. (dynamic) $-30 \text{ °C}$ Operating temperature max. (dynamic) $70 \text{ °C}$ 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