

M12 female 0° A-cod. with cable shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 15m

Female straight M12, 3-pole shielded

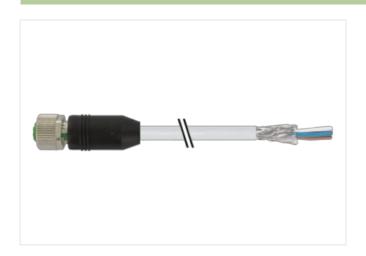
with cable sleeves

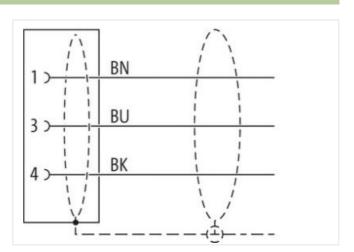
Plastic housings with good resistance against chemicals and oils.

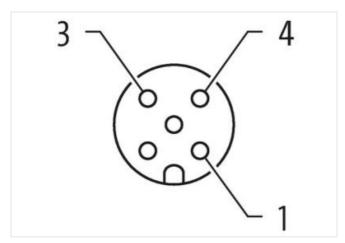
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration









Product may differ from Image













Cable length

15 m

Side 1

0,6 Nm Tightening torque



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879542685
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	c
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	240
Cable Type	3
Jacket Color	gray
	5° "/

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: 2024-04-20



stay connected

Amount stranding 1 Shandring 3 wires twisted 1 Cable shiekding (type) cooper braid, finned 1 Cable shiekding (coverage) 80 % Bandring Fleeos, Foll 1 wire arrangment brown, black, blue 1 No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable weight 44 g/m Material jacket PUR Shore hardness (acket) 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 1 Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheet) 1 ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1 ± 5 % Shore hardness wire insulation 2 ± 5 % Shore hardness wire insulation 1 ± 5 % Shore hardness wire insulation 2 ± 5 % Shore hardness wire insulation 2 ± 5 % Shore hardness wire insulation 2 ± 5 % Shore hardness wire insulation 3 ± 5 % Shore hardness wire insulation 4 ± 5 % Shore hardness wire insulation 4 ± 5 % Shore hardness wire insulation 4 ± 5 % Shore hardness wire insulation 5 ± 5 % Shore hardness wire insulation 6 ± 5 % Shore hardness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 8 ± 5 % Shore hardness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 7 ± 5 % Shore D Ingredient feeness wire insulation 8 5 % Shore D Ingredient feeness wire insulation 8 5 % Shore D Ingredient feeness wire insulation 8 5 % Shore D Ingredient feeness wire insulation 8 5 % Shore D Ingredient feeness wire insulation 8 5 % Shore D I	Type of Certificate	cURus
Cable shielding (coverage) 80 % Bandaring Fleece, Foll wite arrangement brown, black, blue No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable weight 44 ym Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Feederin from ingredients (jacket) lead free, cadmium free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Toferance outer diameter (sheath) ± 5 % Material were insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter free insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,25 mm Ingredient freeness wire insulation 1,0 mm Conductor by few (wire) 42 Diamoter of single wires 0,1 mm	Amount stranding	1
Cable shielding (coverage) 80 % Banding Fleece, Foll wire arrangement brown, black, blue No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigh 44 g/m Material jacket PUR Shore Andriess jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 5 Shore A Telerance outer diameter (sheath) ± 5 % Material view in sulation PP Amount wises 3 Outer diameter tolerance our insulation 1,25 mm Outer diameter tolerance our insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 42 Dameter of single wires 0,1 mm Conductor recessaction (wire) 4,3 mm² Material conductor wire Stranded copper vire, bare Conductor trype (wire) 5 mm² e5 °C (prinzental Current load capacity (standard) 10 IN VDE 0298 4 Current load capacity (standard) 10 IN VDE 0298 4 Curre	Stranding	3 wires twisted
Bending Fleece, Foli wire arrangement brown, black, blue No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigh 44 g/m Material jacket 90 ± 5 Shore A Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) ± 5 % Material wire insulation pP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter benance ore insulation 1,25 mm Outer diameter tolerance ore insulation 1,25 mm Outer diameter viberance ore insulation 1,25 mm Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freenes	Cable shielding (type)	copper braid, tinned
wire arrangement brown, black, blue No. of bonding cycles (C-track) 5 Mio. @ 25 °C Cable weight 44 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 6ad-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 125 mm Outer diamet	Cable shielding (coverage)	80 %
No. of bending cycles (C-track) 5 Mio. @ 25 °C Cablo weight 44 g/m Material Jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Cuber-diameter (gaket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 104 free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 164 free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 104 free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 104 free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 104 free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 104 free, cadmium-free, CFC-free, halogen-free, silicone-free, silicone-free Conductior type (wire) 3	Banding	Fleece, Foil
Cable weigth 44 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter substation 1,25 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 42 Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C (I brizzontal Current load capacity (standard) 10 IN VDE C298 4 Current load capacity (standard) 10 IN VDE C298 4 Current load capacity (standard) 2 NV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 6	wire arrangement	brown, black, blue
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 16 4 5 % Amount strands (wire) 42 2 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Adarrance (Strand) 5 m @ 25 °C (I horizontal Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (standard) to DIN VDE 0298 4 Electrical resistance line constant wire 57 Okm @ 20 °C Nominal voltage power AC max. 300 V AC withstand voltage power (wire - shiet) 2 kV @ 60 s Min. operating temperature (static) 40 °C 00 °C (0 10000 h Operation Operating tem	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter lolerance core insulation 1,25 mm Outer diameter lolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor or osssection (wire) 0,24 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4	Cable weigth	44 g/m
Freedom from ingradients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
Outer-dameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded opper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity min. wire 6 A Electrical resistance line constant wire 5 7 Ω/km @ 20 °C Nominal voltage power (xire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Min. operating temperature (fixed) 80	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) 2.5 % Material wire insulation PP Material wire insulation 1,25 mm Outer diameter lolerance core insulation 1,25 mm Outer diameter lolerance core insulation 2.5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power (wire - sheld) 2 kV @ 60 s Power frequency withstand voltage power (wire - sheld) 2 kV @ 60 s Power frequency withstand voltage power (wire - sheld) 80 °C / 90 °C @ 10000 h Operation Operating temperature (istatic) 40 °C Max. operating temperature (istatic) 50 °C 0 10000 h Operation Departing temperature (istatic) 40 °C Max. operating temperature (istatic) 40 °C Max. operating temperature (istatic) 40 °C Max. operating temperature (istatic) 50 °C 0 10000 h Operation Departing temperature (istatic) 40 °C Max. operating temperature (istatic) 40 °C Max. operating temper	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Nominal voltage power AC max. 300 V 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 (mixer) 80 °C / 9	Outer-diameter (jacket)	5 mm
Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ø/km @ 20 °C Nominal voltage power (wire - shield) 2 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s Min. operating temperature (sized) 40 °C Max. operating temperature (sized) 80 °C / 90 °C @ 10000 h Operation Operating temperature (sized) 80 °C / 90 °C @ 10000 h Operation	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter toterance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor viere Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor view (wire) \$ stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (wire - shield) 2 kV @ 60 s Nominal voltage power (wire - shield) 2 kV @ 60 s Power frequency wirthstand 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 (static) 40 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal 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 Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance G	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemica	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 a/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Flame resistance EC Go332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 10 x Outer diameter Torsion speed 35 cycles/min	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Q/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Diameter of single wires and sold apacity min. wire 6 A Electrical resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Power forein peed 35 cycles/min	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power (wire - shield) 2 kV @ 60 s Power frequency 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 (static) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 2 Min. Torsion speed 35 cycles/min	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 Gil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Electrostance Electrostance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Conductor crosssection (wire)	0,34 mm ²
Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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 / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Conductor type (wire)	strand class 6
Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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) 40 °C Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion speed 35 cycles/min	Traversing distance (C-track)	5 m @ 25 °C horizontal
Electrical resistance line constant wire 57 \(\Omega / \text{Pkm} \end{aligned} 20 \circ \text{C} \) Nominal voltage power AC max. 300 V AC withstand voltage power (wire - shield) 2 kV \(\end{aligned} 60 \text{ s} \) Power frequency withstand voltage power (wire - wire) 2 kV \(\end{aligned} 60 \text{ s} \) AC withstand voltage power (wire - wire) 2 kV \(\end{aligned} 60 \text{ s} \) Min. operating temperature (static) -40 \(\circ \) Max. operating temperature (fixed) 80 \(\circ C / 90 \circ C \) 10000 h Operation Operating temperature min. (dynamic) -25 \(\circ C \) Operating temperature max. (dynamic) 80 \(\circ C / 90 \circ C \) 10000 h Operation Flame resistance IEC 6032-2-2 UL 1581 \(\xi \) 1100 FT2 UL 1581 \(\xi \) 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion speed 35 cycles/min	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 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 / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Current load capacity min. wire	6 A
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 / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage power (wire - wire) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed	Nominal voltage power AC max.	300 V
(wire - jacket) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed	AC withstand voltage power (wire - shield)	2 kV @ 60 s
Min. operating temperature (static) Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		2 kV @ 60 s
Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min		-40 °C
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation 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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Operating temperature min. (dynamic)	-25 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
Torsion speed 35 cycles/min	No. of torsion cycles	2 Mio.
		35 cycles/min