

M12 female 0° A-cod. with cable

PUR 3x0.75 bk UL/CSA 10m

Female straight

M12, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

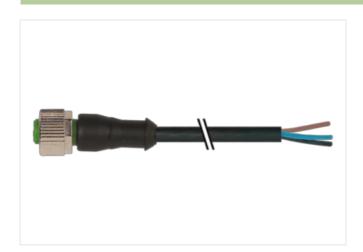
Plastic housings with good resistance against chemicals and oils.

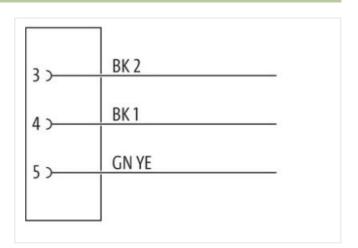
The resistance to aggressive media should be individually tested for your application. Further details on request.

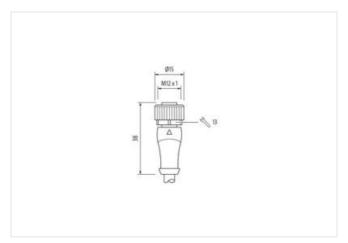
Further cable lengths on request.

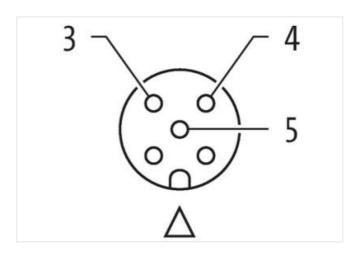
Link to Product

Illustration









Product may differ from Image













Cable length

10 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-19



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	Α
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	4048879593977
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 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	
Pollution Degree	3
Pollution Degree Rated surge voltage	3 2,5 kV
=	
Rated surge voltage	2,5 kV
Rated surge voltage Material group (IEC 60664-1)	2,5 kV
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	2,5 kV
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	2,5 kV I Nickeled
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	2,5 kV I Nickeled nickel plated
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material	2,5 kV I Nickeled nickel plated Zinc die-casting
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	2,5 kV I Nickeled nickel plated Zinc die-casting
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	2,5 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

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: 2024-05-19



stay connected

Cable Type 2 Printing color of wine insulation white (isolation black) Lacked Color black Type of Carlificate CURus Anount stranding 1 Stranding 3 wives twisted wire arrangement black 1, black 2, green-yellow Cable weight 55.3 gm Material packet PUR Shore hardness jacket PUR Shore hardness jacket 55.5 Shore A Freedom from ingredients (jacket) 1.8 5 % Outer-diameter (sacket) 5.9 mm Tolerance outer familianter (sheath) 1.5 % Material inner jacket PVC Material inner jacket PVC Material vire insulation 1,18 mm Outer diameter insulation 1,18 mm Outer diameter insulation 1,18 mm Outer diameter insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire ins	wire arrangement	black 1, black 2, green-yellow
Printing obor of wire insulation white (solation black) Jacket Color black Yope of Contificate cURus Amount stranding 1 Stranding 3 wires livisted wire arrangement black 1, black 2, green-yellow Cable weight 55,33 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freadom from ingredients (jacket) 1,9 mm Older-diameter (jacket) 5,9 mm Toter anno outer diameter (sheath) ± 5 % Material wire insulation PVC Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness were insulation 43 ± 5 Shore D Outer diameter insulation ± 5 % Amount wires 3 Outer diameter insulation ± 5 % Abricance were insulation ± 5 % April (and black) ± 5 % Amount wires 3 (an appear in the pril (an appear in the pr	Cable identification	626
Printing obor of wire insulation white (solation black) Jacket Color black Yope of Contificate cURus Amount stranding 1 Stranding 3 wires livisted wire arrangement black 1, black 2, green-yellow Cable weight 55,33 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freadom from ingredients (jacket) 1,9 mm Older-diameter (jacket) 5,9 mm Toter anno outer diameter (sheath) ± 5 % Material wire insulation PVC Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness were insulation 43 ± 5 Shore D Outer diameter insulation ± 5 % Amount wires 3 Outer diameter insulation ± 5 % Abricance were insulation ± 5 % April (and black) ± 5 % Amount wires 3 (an appear in the pril (an appear in the pr	Cable Type	2
Type of Certificate cURs Amount stranding 1 Stranding 3 wes twisted wire arrangement black 1, black 2, green-yellow Gable weight 55,33 gm Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredents (jacket) 1,8 mm Coulter diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material inner jacket PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter insulation 2,5 % Amount wires 3 Outer diameter insulation 43 ± 5 Shore D Ingredent freeness wire insulation 43 ± 5 Shore D Ingredent freeness wire insulation 43 ± 5 Shore D Ingredent freeness wire insulation white (solation black) Amount strands (wire) 42 Diameter of single wire 0,15 mm Conductor type (wire) 5 randed copper wire, bare Conductor type (wire) 5 ran	Printing color of wire insulation	white (isolation black)
Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigth 55.33 g/m Malterial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outler-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material inner jacket PVC Manunt vires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation 1,8 mm Shore hardness wire insulation 43 ± 5 Shore D Ingredient treeness wire insulation 43 ± 5 Shore D Ingredient treeness wire insulation white (solation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor troiseaction (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Correct toad capacity (standard) to DIN VDE 0298-4 Current load capacity (wi	Jacket Color	black
Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigth 55,33 g/m Material jacket PUR Shore hardness jackel 85 ± 5 Shore A Freedom from ingredients (jacket) 5,9 mm Outer-diameter (jacket) 5,9 mm Tolerance outer dameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Material wire insulation 1.8 mm Outer diameter insulation 1.8 mm Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor yee (wire) 5 tranded copper wire, bare Current load capacity (mir. wire) 2	Type of Certificate	cURus
wire arrangement black 1, black 2, green-yellow Cable weight 55.33 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.8 mm Outer diameter insulation 4.5 % Shore hardness wire insulation 4.2 ± 5 Shore D Ingredient freeness wire insulation 4.2 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 4.2 Diameter of single wires 0,15 mm Conductor or sessection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (strandard) 10 DIN VDE 0298-4 Current loa	Amount stranding	1
Cable weigth 55,33 g/m Material jacket PUR Shore hardness jacket 85±5 Shore A Freedom from imgredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner Jacket PVC Material wire insulation PVC Material wire insulation PVC Material wire insulation 1,8 mm Outer diameter bislance core insulation 1,8 mm Outer diameter bislance core insulation 43 ± 5 Shore D Ingredient freeness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation white (jackation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor orrassection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max 300 V Current load capacity grin. wire 12 A Electrical resistance line constant vire 26 C/km @ 20 °C	Stranding	3 wires twisted
Material Jacket PUR Shore hardness Jacket 85 ± Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (shealth) ± 5 %. Material invier insulation PVC Amount wires 3 Outer diameter tolerance core insulation 1,8 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Shore hardness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, silicone-free Armount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Cur	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket 85 ± 5 Shore A 1944 Freedom from ingredients (jacket) 1944 Freedom from ingredients (jacket) 1944 Freedom from ingredients (jacket) 1945 Freedom from jacket 1	Cable weigth	55,33 g/m
Freedom from ingradients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation ± 5 % Shore Pardness wire insulation ± 5 % Shore pardness wire insulation ± 5 % Ingredient freeness wire insulation ± 5 % Printing color of wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor of wire insulation 0.75 mm² Material conductor wire Stranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 N/m @ 20 °C <td>Material jacket</td> <td>PUR</td>	Material jacket	PUR
Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Max. operating temperature (stati	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter blearance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor of single wires 0,15 mm Conductor type (wire) stranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity strandard to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 D/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - include) 2 kV @ 60 s Min. operating tem	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Max. operating temperature (static) 30 °C Max. operating temperature (static) 30 °C Operating temperature min. (dynamic) 5 °C Operating temperature min. (Outer-diameter (jacket)	5,9 mm
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (solation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity wint, wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - giacket) 30 °C Max. operating temperature (fixed) 30 °C Max. operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C	Tolerance outer diameter (sheath)	±5%
Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor orosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AG max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire) 2 kV @ 60 s jacket) 30 °C Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperatur	Material inner jacket	PVC
Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cafmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strande class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic)	Amount wires	3
Shore hardness wire insulation 43 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity wire - 2 kV @ 60 s Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - ack of a single temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 2 kine 25 °C horizontal	Outer diameter insulation	1,8 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Min. @ 25 °C horizontal	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) -30 °C Max. operating temperature (static) -5° C Operating temperature min. (dynamic) -5° C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance DIN EN 6081-404 Bending radius (dynamic) 15 × Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C horizontal	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity standard) Current load capacity min. wire 12 A Electrical resistance line constant wire AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lacket) Jacket) Min. operating temperature (static) 30 °C Max. operating temperature (static) 480 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 6 Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C horizontal	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C horizontal	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s Power frequency withstand voltage (wire - 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C horizontal	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Conductor crosssection (wire)	0,75 mm ²
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) AS °C Max. operating temperature (fixed) Moreating temperature min. (dynamic) Operating temperature max. (dynamic) AS °C Operating temperature max. (dynamic) So oc Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C horizontal	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Conductor type (wire)	strand class 6
Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - and constant wire 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s Min. operating temperature (static) Accompositing temperature (fixed) Operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating tempe	Current load capacity min. wire	12 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Oil resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Electrical resistance line constant wire	26 Ω/km @ 20 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (dynamic) Operating temperatu	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature dynamics Operating temperature dyna	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Max. operating temperature (fixed)	80 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Operating temperature min. (dynamic)	-5 ℃
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Operating temperature max. (dynamic)	80 °C
Oil resistance DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 15 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Oil resistance	DIN EN 60811-404
No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal	Bending radius (fixed)	10 x Outer diameter
Traversing distance (C-track) 5 m @ 25 °C horizontal	Bending radius (dynamic)	15 x Outer diameter
	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track) 3,3 m/s @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C horizontal
	Travel speed (C-track)	3,3 m/s @ 25 °C