

M12 male 0° A-cod. with cable

PVC 3x0.75 gy 1m

Male straight

M12, 3-pole

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

with cable sleeves

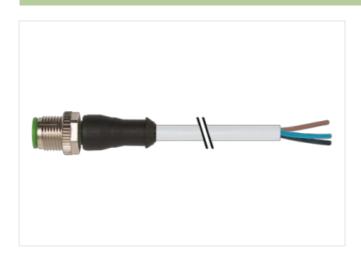
Plastic housings with good resistance against chemicals and oils.

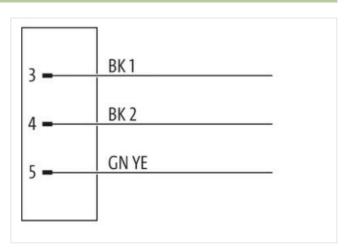
The resistance to aggressive media should be individually tested for your application. Further details on request.

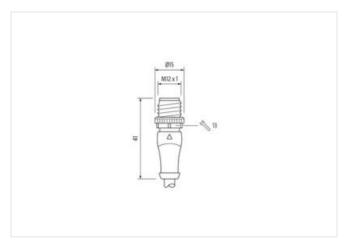
Further cable lengths on request.

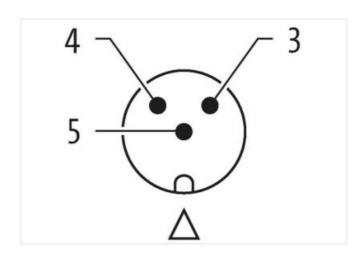
Link to Product

Illustration









Product may differ from Image









Cable length

1 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	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	4048879765152
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
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	
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.
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
wire arrangement	black 1, black 2, green-yellow
Cable identification	216
Capio identinodalen	

Operating temperature min. (dynamic)

Operating temperature max. (dynamic)

Flame resistance chemical resistance

Gasoline resistance

Bending radius (fixed)

Bending radius (dynamic)

Oil resistance



Printing color of wire insulation white (solation black) Jacket Color gray Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weight 63.8 g/m Material jacket PVC Shore hardness jacket 80 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jackot) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 1,8 mm Outer diameter insulation 25 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (solation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, barre Conductor type (wire) Stranded copper wire, barre Conductor type (wire) Stranded copper wire, barre Conductor ground) 300 V Current load capacity film wire 12 A Electrical resistance line constant wire 26 G/Nm 20 °C Current load capacity min. wire 12 A Electrical resistance line constant wire 26 G/Nm 20 °C Cwith that on voltage (wire - wire) 3 k/V @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C	Cable Type	1
Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigh 63,8 g/m Material jacket PVC Shore hardness jacket 80 ± 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 wire insulation PVC Amount wires 3 Outer diameter insulation PVC Shore hardness wire insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation year diameter (sheath) 43 ± 5 Shore D Material properties wire insulation white (solation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity min. wire 12 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Current load capacity min. wire 12 A Current load capacity min. wire 12 A Current requency withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Printing color of wire insulation	white (isolation black)
Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weight 63,8 g/m Material jacket PVC Shore hardness jacket 80 ± 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 vire 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 Material vire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Ounductor type (wire) Stranded copper wire, bare Ounductor type (wire) Stranded copper wire, bare Ounductor diage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity (slandard) to DIN VDE 0298-4 Current load capacity (slandard) to DIN VDE 0298-4 Current load capacity (slandard) to DIN VDE 0298-4 Current load capacity (slandard) 3 kV @ 60 s Power frequency withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Jacket Color	gray
wire arrangement black 1, black 2, green-yellow Cable weigth 63.8 g/m Material jacket PVC Shore hardness jacket 80 ± 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 wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation yellow wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (solation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor oressection (wire) 0,75 mm² Material conductor wire Strande copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 18 VQ 60 s Min. operating temperature (static) -30 °C Min. operating temperature (static) -30 °C	Amount stranding	1
Cable weight 63.8 g/m Material jacket PVC Shore hardness jacket 80 ± 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 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 Material properties wire insulation good machinability Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN V	Stranding	3 wires twisted
Material jacket PVC Shore hardness jacket 80 ± 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 wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter berance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (solation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win, wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket 80 ± 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 wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 33 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation dead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire <t< td=""><td>Cable weigth</td><td>63,8 g/m</td></t<>	Cable weigth	63,8 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (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) 3 kV @ 60 s Power frequency withstand voltage (wire - iacket) Min. operating temperature (static) -30 °C	Material jacket	PVC
Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % 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 Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing cotor of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Shore hardness jacket	80 ± 5 Shore A
Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.8 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0.2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 G/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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 Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Outer-diameter (jacket)	5,9 mm
Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - iacket) 3 kV @ 60 s	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - iacket) 3 kV @ 60 s	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - siacket) 30 °C	Amount wires	3
Shore hardness wire insulation Material properties wire insulation Ingredient freeness wire insulation Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires O,2 mm Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) -30 °C	Outer diameter insulation	1,8 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) -30 °C	Shore hardness wire insulation	43 ± 5 Shore D
Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Material properties wire insulation	good machinability
Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) Current load capacity (standard) Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) -30 °C	Amount strands (wire)	24
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Diameter of single wires	0,2 mm
Conductor type (wire) Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) Max. rated voltage (conductor - ground) Current load capacity (standard) Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Strand class 5 V Strand class 5 Strand class 5 Strand class 5 Strand class 5 Strand class 5 Sto V Sto V Strand class 5 Sto V Sto DIN VDE 0298-4 Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C 3 kV @ 60 s -30 °C	Conductor crosssection (wire)	0,75 mm²
Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Material conductor wire	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Conductor type (wire)	Strand class 5
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) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Max. rated voltage (conductor - conductor)	500 V
Current load capacity min. wire 12 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Max. rated voltage (conductor - ground)	300 V
Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 kV @ 60 s Min. operating temperature (static) -30 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 3 kV @ 60 s Power frequency withstand voltage (wire - 3 kV @ 60 s Min. operating temperature (static) -30 °C	Current load capacity min. wire	12 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) 3 kV @ 60 s -30 °C	Electrical resistance line constant wire	26 Ω/km @ 20 °C
jacket) Min. operating temperature (static) -30 °C	AC withstand voltage (wire - wire)	3 kV @ 60 s
		3 kV @ 60 s
Max. operating temperature (fixed) 70 °C	Min. operating temperature (static)	-30 °C
	Max. operating temperature (fixed)	70 °C

UL 1581 § 1090 | IEC 60332-2-2 | UL 1581 § 1100 FT2

Good, application-related testing | DIN EN 60811-404

Good, application-related testing

Good, application-related testing

5 x Outer diameter

10 x Outer diameter

-5 °C

70 °C