

M12 female 0° A-cod. with cable

PVC 3x0.34 bk UL/CSA 16m

Female straight

M12, 3-pole

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

with cable sleeves

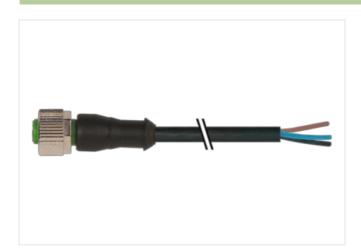
Plastic housings with good resistance against chemicals and oils.

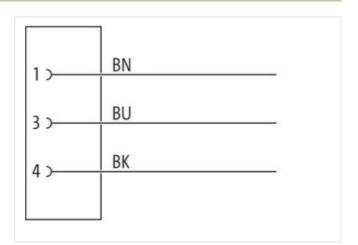
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

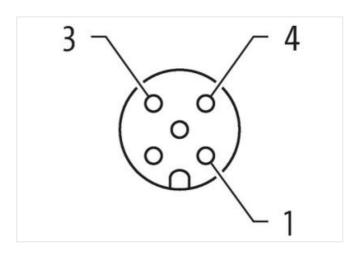
Link to Product

Illustration









Product may differ from Image













Cable length

16 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: 2024-04-19



Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879435116
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 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

Conformity



stay connected

Cable Type 1 Jacket Color black Jacket Color black Jacket Color black Amount standing 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 34.1 g/m Material jacket PVC Shore hardness jacket 85.2 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4.6 mm Tolerance outer diameter (jacket) 4.6 mm Tolerance outer diameter (jacket) 4.5 % Material weir insulation PVC Material properties wire insulation 1.25 mm Outer diameter insulation 45.5 % Shore hardness wire insulation 45.5 % Shore bardness wire insulation 45.5 % Material properties wire insulation 45.5 % Shore bardness wire insulation 19.2 mm Outer diameter tolerance core insulation 19.5 mm Orandicore of single wires 10.1 mm Conductor type (wire)	Installation Cable	
Jacket Color	Cable identification	613
Jacket Color	Cable Type	1
Amount stranding 1 Stranding 3 wires twisted 5 Stranding 3 wires twisted 5 Stranding 3 wires twisted 6 Cable weight 34,1 g/m Material jacket PVC Shore hardness jacket 65 ± 5 Shore A Freedom from ingredients (jacket) 1 Cuter cliameter (jacket) 4.6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation good machinability ingredient freeness wire insulation good machinability ingredient freeness wire insulation 19 Diameter of single wires 0,15 mm Octorulor toriameter of single wires 0,15 mm Octorulor toriameter of single wires 0,15 mm Material properties wire insulation good machinability ingredient freeness wire insulation 19 Diameter of single wires 0,15 mm Octorulor toriameter of single wires 0,15 mm Octorulor toriameter of single wires 0,15 mm Conductor crossaction (wire) 0,34 mm² Material conductor wire 5tranded copper wire, bare Conductor type (wire) Strand class 5 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 87 (2km @ 20 °C Nowminal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 5- °C Operating temperature max. (dynamic) 5- °C Operating temperature max. (dynamic) 6000, application-related testing 10 IN EN 60811-404 Bending radius (fixed) 5- 5- Cut of diameter 6000, application-related testing 10 IN EN 60811-404	Jacket Color	black
Stranding 3 wires twisted brown, black, blue Cable weight 34.1 g/m Material jacket PVC Shore hardness jacket PVC Bad-free, cadmium-free, CFC-free, silicone-free Cuter-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % 5 % Shore A Freedom from ingredients (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % 5 % Tolerance outer diameter (sheath) ± 5 % Tolerance outer diameter (sheath) ± 5 % Tolerance outer diameter isustation PVC	Type of Certificate	cURus
Stranding 3 wires twisted brown, black, blue Cable weight 34.1 g/m Material jacket PVC Shore hardness jacket PVC Bad-free, cadmium-free, CFC-free, silicone-free Cuter-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % 5 % Shore A Freedom from ingredients (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % 5 % Tolerance outer diameter (sheath) ± 5 % Tolerance outer diameter (sheath) ± 5 % Tolerance outer diameter isustation PVC	Amount stranding	1
Cable weigith 34,1 g/m Material jacket PVC Shore hardness jacket! 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 5 % Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation pood m	Stranding	3 wires twisted
Cable weigth 34,1 g/m Material jacket PVC Above hardness jacket 65 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 19 Material properties wire insulation 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 19 Diameter of single wires 0,15 mm Conductor rosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity standard) to DIN VEE (2394.4 Current load capacity standard wire 57 0/km (20 °C) Nominal voltage power (wire - wire) 2 kV @ 60 s <t< td=""><td>wire arrangement</td><td>brown, black, blue</td></t<>	wire arrangement	brown, black, blue
Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tollerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter blerance core insulation 1,25 mm Outer diameter blerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Meterial properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Courset 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 0km @ 20 °C Nominal voltage power AC max. 300 V	Cable weigth	34.1 g/m
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter loolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation 96 ± 5 Shore D Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded capset Current load capacity (standard) to DIN VDE 0298-4 Reflectrical resistance (ine constant wire)		<u> </u>
Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor type (wire) 3,3 mm² Material conductor wire Strand class 5 Courrent load capacity (standard) 10 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 Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 30 °C Max. operating temperature (mix. dyn	Shore hardness jacket	85 ± 5 Shore A
Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor type (wire) 3,3 mm² Material conductor wire Strand class 5 Courrent load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 67 Ωkm @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 30 °C Max. operating temperature (mix. dyna	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -6 °C <t< td=""><td>Outer-diameter (jacket)</td><td></td></t<>	Outer-diameter (jacket)	
Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (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 max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power wire - wire) 2 kV @ 60 s Min. operating temperature (static) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (mixed) 30 °C Operating temperature max. (dynamic) 30 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-22-2 UI. 1581 § 1	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 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) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C UV resistance DIN EN ISO 4892-2 A Flame resistance EC 60332-2-2 Ut 1581 § 1100 FT2 Ut 1581 § 1090	Amount wires	3
Shore hardness wire insulation A5 ± 5 Shore D Material properties wire insulation Ingredient freeness wire insulation ingredient free i	Outer diameter insulation	1,25 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire 57 \(\Omega \text{W} \) \(\emptyre{\text{@ 60 s}} \) Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV \(\emptyre{\text{@ 60 s}} \) Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C UV resistance IEC 60332-2-2 [UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Gasoline resistance Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Ending radius (fixed) 5 × Outer diameter	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 19 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (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 max. (dynamic) UV resistance Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Ending radius (fixed) 5 x Outer diameter	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire) Diameter of single wires O,15 mm Conductor crosssection (wire) O,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - yicket) (wire - jacket) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) Max. operating temperature (static) AD operating temperature min. (dynamic) Operating temperature max. (dynamic) Veresistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Material properties wire insulation	good machinability
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (wire - yicket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) BO °C UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (wire - siacket) 2 kV @ 60 s AC withstand voltage power (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 max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Amount strands (wire)	19
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (wire - siacket) 2 kV @ 60 s AC withstand voltage power (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 max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Diameter of single wires	0,15 mm
Conductor type (wire) Strand class 5 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 Power frequency withstand voltage power (wire - gacket) AC withstand voltage power (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 max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Conductor crosssection (wire)	0,34 mm²
Current load capacity (standard) Current load capacity min. wire 6 A Electrical resistance line constant wire 57 \(\Omega{P}\) Mm \(\end{P}\) 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV \(\end{P}\) 60 s AC withstand voltage power (wire - wire) 2 kV \(\end{P}\) 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 UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 \(\gred{\green}\) 1100 FT2 UL 1581 \(\green\) 1900 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Conductor type (wire)	Strand class 5
Current load capacity min. wire 6 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Nominal voltage power AC max. 300 V 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) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 300 V 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) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Current load capacity min. wire	6 A
Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) AC withstand voltage power (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 max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Electrical resistance line constant wire	57 Ω/km @ 20 °C
(wire - jacket) AC withstand voltage power (wire - wire) AC woll with a with	Nominal voltage power AC max.	300 V
Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Max. operating temperature (fixed)	80 °C
Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Operating temperature max. (dynamic)	80 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	5 x Outer diameter
	Bending radius (dynamic)	10 x Outer diameter