

## M12 Power L-coded 4pol. male $0^{\circ}$ / female $0^{\circ}$

TPE 4x16AWG ye UL/CSA, TC-ER, IEC 2m

Power
Male straight – female straight
M12 – M12, 4-pole
L-coded
with cable sleeves

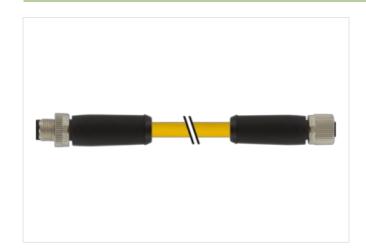
Plastic housings with good resistance against chemicals and oils.

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

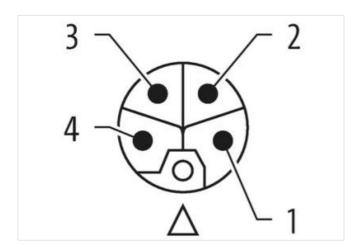
USA

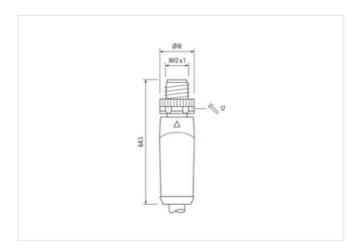
## **Link to Product**

## Illustration



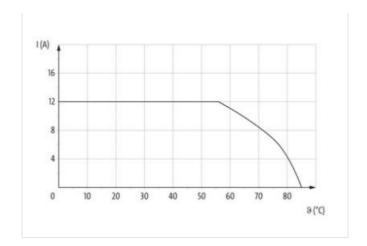


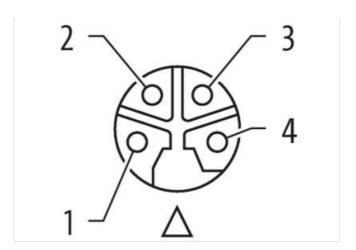


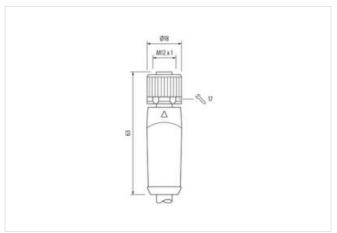




stay connected







Product may differ from Image







Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	16 mm
Cable outlet	straight
Coding	L
Material contact	Copper alloy
No. of poles	4
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed



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Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	16 mm
Cable outlet	straight
Coding	L
Material contact	Copper alloy
No. of poles	4
Width across flats	SW17
Degree of protection (EN IEC 60529)	IP66, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909044834
Packaging unit	<b>1</b>
Electrical data   Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Tightening torque	0,6 Nm
Width across flats	SW17
Installation   Pin assignment	
Coding	L
Device protection   Electrical	
•	IDOS IDOS
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3 15 kV
Rated surge voltage  Material group (IEC 60664-1)	1,5 kV
Mechanical data   Material data	•
·	Nest also
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data   Mounting data	incorted corowed Shaking protection
Mounting method  Environmental characteristics   Climatic	inserted, screwed, Shaking protection
Operating temperature min.	-25 °C
Operating temperature may	
Operating temperature max.  Additional condition temperature range	85 °C  depending on cable quality

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: 2024-05-17



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Product standard   IEC 61076-2-111	Conformity	
Cable identification         UOC           Jacket Color         yellow           Type of Certificate         CUPUs           Amount stranding         1           Stranding         4 vires with 5 Filler twisted           Bandring         Foll           Filler         yes           wire arrangement         brown, black, blue, white           Cable weigh         117, 2g im           Material jacket         TPE           Freedom from ingredients (jacket)         12 g m           Outer-diameter (jacket)         9.02 mm           Tolerance outer diameter (jacket)         9.02 mm           Tolerance outer diameter (jacket)         9.02 mm           Tolerance outer diameter (jacket)         9.02 mm           Outer diameter insulation         PVC           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         2,62 mm           Outer diameter insulation         2,62 mm           Outer diameter insulation         68           Diameter of single wires         16 AWG           Conductor crosssection (wire)         16 AWG           Diameter of single wires         16 AWG           Conductor crosssection (wire)	Product standard	IEC 61076-2-111
Variable	Installation   Cable	
Type of Certificate cURus Amount stranding 1 Amount stranding 5 Foil Filler yes Wrie arrangement brown, black, blue, white Cable weight 117,7 g/m Material jacket TPE Freedom from ingredients (jacket) 118,7 g/m Material wrie insulation PVC Amount stranding 1 Amount wries 4 Outer diameter (sheath) 2 5 % Material wrie insulation PVC Amount strands (wrie) 65 Diameter of single wries 16 AWG Conductor crosssection (wrie) 16 AWG Conductor crosssection (wrie) 8 A Current load capacity friat make (should and or of the corrections of the correction of the	Cable identification	U0C
Amount stranding         1           Stranding         4 wires with 5 Filler twisted           Bandring         Foil           Filler         yes           wire arrangement         brown, black, blue, white           Cable weight         117.7 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         9.02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Cuter diameter insulation         2,62 mm           Outer diameter insulation         2,62 mm           Outer diameter lolerance core insulation         1.5 %           Ingredient freeness wire insulation         1.6 AWG           Conductor crosssection (wire)         6.6           Diameter of single wires         1.6 AWG           Conductor crosssection (wire)         1.6 AWG           Nominal voltage AC max.         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1:3)           Current load capacity wink. wire         8 A           Electrical resistance in the constant wire         8 (AV @ 60 s <tr< td=""><td>Jacket Color</td><td>yellow</td></tr<>	Jacket Color	yellow
Stranding         4 wires with 5 Filler twisted           Banding         Foil           Filler         yes           wire arrangement         brown, black, blue, white           Cable weigth         117,7 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         9,02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         £ 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         65           Diameter of single wires         16 AWG           Conductor crosssection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity wini. wire         8 A           Electrical resistance line constant wire         13,2 O/km @ 0° °C           AC withsta	Type of Certificate	cURus
Banding         Foil           Filler         yes           wire arrangement         brown, black, blue, white           Cable weight         117,7 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         9,02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         ± 5 %           Under diameter insulation         ± 5 %           Outer diameter insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         65           Diameter of single wires         16 AWG           Conductor crosssection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity min. wire         8 A           Electrical resistance (in evitance in constant wire)         13.2 Ω/km @ 20 °C           AC withstand voltage (wire- wire)         6	Amount stranding	1
Filler	Stranding	4 wires with 5 Filler twisted
wire arrangement brown, black, blue, white Cable weigth 117.7 g/m  Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 9,02 mm  Tolerance outer diameter (sheath) 5 %  Material wire insulation PVC Amount wires 4 Outer diameter rolerance core insulation 2,82 mm  Outer diameter tolerance core insulation 15 % Ingredient freeness wire insulation lead-free, CFC-free Ingredient freeness wire insulation	Banding	Foil
Cable weight         117,7 g/m           Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         9,02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         2,62 mm           Outer diameter insulation         1 6 MWG           Ingredient freeness wire insulation         65           Unsured of single wires         16 AWG           Ounder of single wires         16 AWG           Oundured or oxissection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity min. wire         8 A           Electrical resistance inconstant wire         13.2 Q/km @ 20 °C           AC withstand voltage (wire - wire)         6 kV @ 60 s           Power frequency withstand voltage (wire - wire)         6 kV @ 60 s           Min. operating temperature (static)         -50 °C           Max. operating temperature max. (dynamic)         -20 °C     <	Filler	yes
Material jacket         TPE           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free           Outer-diameter (jacket)         9,02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         ± 5 %           Ingredient freeness wire insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         65           Diameter of single wires         16 AWG           Conductor or ossection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity min. wire         8 A           Electrical resistance line constant wire         13.2 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         6 kV @ 60 s           Power frequency withstand voltage (wire - wire)         6 kV @ 60 s           Min. operating temperature (fixed)         105 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature min. (dynamic	wire arrangement	brown, black, blue, white
Freedom from ingredients (jacket)   lead-free, CFC-free, halogen-free	Cable weigth	117,7 g/m
Outer-diameter (jacket)         9,02 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         2,62 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         65           Diameter of single wires         16 AWG           Conductor crosssection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         accoording to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity min. wire         8 A           Electrical resistance line constant wire         13,2 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         6 kV @ 60 s           Power frequency withstand voltage (wire - wire)         6 kV @ 60 s           Min. operating temperature (static)         -50 °C           Max. operating temperature (static)         -50 °C           Max. operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance	Material jacket	TPE
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         2,62 mm           Outer diameter tolerance core insulation         ± 5 %           Ingredient freeness wire insulation         lead-free, CFC-free           Amount strands (wire)         65           Diameter of single wires         16 AWG           Conductor crosssection (wire)         16 AWG           Material conductor wire         Stranded copper wire, bare           Nominal voltage AC max.         600 V           Current load capacity (standard)         according to NFPA-70 (NEC) : 400.5(A) (1-3)           Current load capacity min. wire         8 A           Electrical resistance line constant wire         13,2 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         6 kV @ 60 s           Power frequency withstand voltage (wire - iacket)         6 kV @ 60 s           Min. operating temperature (static)         -50 °C           Max. operating temperature (static)         -50 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1990           chemical resistance         Good, application-related testing <td>Outer-diameter (jacket)</td> <td>9,02 mm</td>	Outer-diameter (jacket)	9,02 mm
Amount wires 4 Outer diameter insulation 2,62 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 65 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,2 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - wire) 6 kV @ 60 s Min. operating temperature (fixed) 105 °C Operating temperature (fixed) 105 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 8 x Outer diameter  Bending radius (fixed) 10 x Outer diameter	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,62 mm  Outer diameter tolerance core insulation ±5 %  Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 65  Diameter of single wires 16 AWG  Onductor crosssection (wire) 16 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3)  Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 Q/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) 90 °C  Flame resistance EC 60332-2-2 [UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 × Outer diameter  Bending radius (foxnamic) 10 x Outer diameter	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 65 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,2 \( \Omega{O} \text{ W @ 60 s} \) Electrical resistance line constant wire 6 k V @ 60 s  Power frequency withstand voltage (wire - wire) 6 kV @ 60 s  Min. operating temperature (static) 50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature max. (dynamic) 20 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance EC 60032-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 chemical resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Amount wires	4
Ingredient freeness wire insulation lead-free, CFC-free  Amount strands (wire) 65  Diameter of single wires 16 AWG  Conductor crosssection (wire) 16 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) according to NFPA-70 (NEC): 400.5(A) (1-3)  Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 \( \Omega \text{L/km} \) \( \omega \text{20} \) \( \omega \text{C} \)  Flower frequency withstand voltage (wire - wire) 6 kV \( \omega \text{60 s} \)  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Flame resistance   IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance   Good, application-related testing  Gasoline resistance   DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Outer diameter insulation	2,62 mm
Amount strands (wire) 65  Diameter of single wires 16 AWG  Conductor crosssection (wire) 16 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) according to NFPA-70 (NEC): 400.5(A) (1-3)  Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 105 °C  Max. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) 90 °C  Flame resistance   EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  Chemical resistance   Good, application-related testing  Gasoline resistance   DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 × Outer diameter	Outer diameter tolerance core insulation	± 5 %
Diameter of single wires 16 AWG  Conductor crosssection (wire) 16 AWG  Material conductor wire Stranded copper wire, bare  Nominal voltage AC max. 600 V  Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3)  Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 Q/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Flame resistance   IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Ingredient freeness wire insulation	lead-free, CFC-free
Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Nominal voltage AC max.  600 V  Current load capacity (standard)  current load capacity (standard)  Current load capacity min. wire  8 A  Electrical resistance line constant wire  AC withstand voltage (wire - wire)  6 kV @ 60 s  Power frequency withstand voltage (wire - siacket)  Min. operating temperature (static)  750 °C  Max. operating temperature (fixed)  105 °C  Operating temperature max. (dynamic)  90 °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  8 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter	Amount strands (wire)	65
Material conductor wire       Stranded copper wire, bare         Nominal voltage AC max.       600 V         Current load capacity (standard)       according to NFPA-70 (NEC) : 400.5(A) (1-3)         Current load capacity min. wire       8 A         Electrical resistance line constant wire       13,2 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       6 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       6 kV @ 60 s         Min. operating temperature (static)       -50 °C         Max. operating temperature (fixed)       105 °C         Operating temperature min. (dynamic)       -20 °C         Operating temperature max. (dynamic)       90 °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       DIN EN 60811-404   Good, application-related testing         Bending radius (fixed)       8 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter	Diameter of single wires	16 AWG
Nominal voltage AC max.  Current load capacity (standard)  Current load capacity min. wire  8 A  Electrical resistance line constant wire  13,2 Ω/km @ 20 °C  AC withstand voltage (wire - wire)  6 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  7-50 °C  Max. operating temperature fixed)  105 °C  Operating temperature min. (dynamic)  90 °C  Flame resistance  EC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  8 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter	Conductor crosssection (wire)	16 AWG
Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3)  Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 8 A  Electrical resistance line constant wire 13,2 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 × Outer diameter  Bending radius (dynamic) 10 × Outer diameter	Nominal voltage AC max.	600 V
Electrical resistance line constant wire 13,2 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Current load capacity (standard)	according to NFPA-70 (NEC): 400.5(A) (1-3)
AC withstand voltage (wire - wire) 6 kV @ 60 s  Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s  Min. operating temperature (static) -50 °C  Max. operating temperature (fixed) 105 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 90 °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 DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Current load capacity min. wire	8 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)  Flame resistance  IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  8 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter	Electrical resistance line constant wire	13,2 Ω/km @ 20 °C
jacket)  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature min.	AC withstand voltage (wire - wire)	6 kV @ 60 s
Max. operating temperature (fixed)  Operating temperature min. (dynamic)  -20 °C  Operating temperature max. (dynamic)  90 °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  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  8 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter		6 kV @ 60 s
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  90 °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  DIN EN 60811-404   Good, application-related testing  Bending radius (fixed)  8 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter	Min. operating temperature (static)	-50 °C
Operating temperature max. (dynamic) 90 °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 DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Max. operating temperature (fixed)	105 °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 DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Operating temperature max. (dynamic)	90 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter	Oil resistance	DIN EN 60811-404   Good, application-related testing
	Bending radius (fixed)	8 x Outer diameter
Travel and (C track) 2 Min	Bending radius (dynamic)	10 x Outer diameter
Havel speed (O-track) 2 Milu.	Travel speed (C-track)	2 Mio.