

M12 Power male 0° L-cod./ Push Pull Power AIDA

PUR 4x1.5 bk UL/CSA+drag ch. 0.6m

Male straight – male straight M12 L-coded - PPP, 4-pole Push Pull Power with cable sleeves

Plastic housings with good resistance against chemicals and oils.

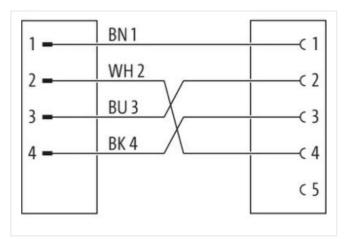
The resistance to aggressive media should be individually tested for your application. Further details on request.

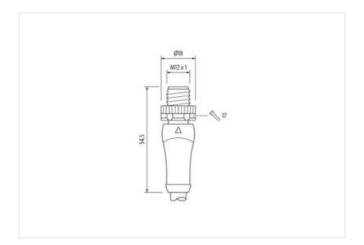
Further cable lengths on request.

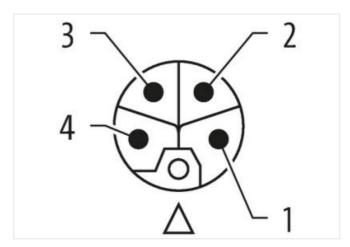
Link to Product

Illustration



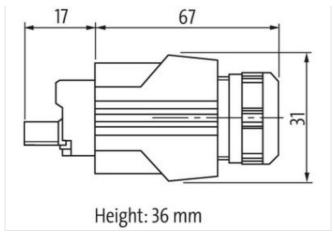


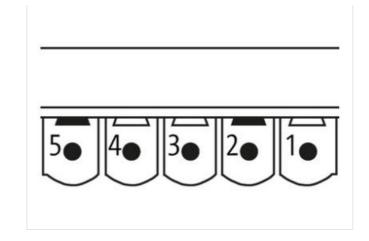






stay connected





Product may differ from Image







Cable length	0,6 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12P
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
No. of poles	4
Side 2	
Mounting method	inserted, screwed
Family construction form	Push Pull Power
No. of poles	4
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	4048879862059
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	24 V
Operating voltage DC max.	24 V
Current operating per contact max.	12 A
Installation Connection	
Width across flats	SW17
Device protection Electrical	



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Additional condition protection degree 3	Degree of protection (EN IEC 60529)	IP67
Falled surp evoluge 3 Falled surp evoluge (FC 69684-1) Mechanical data Material data Mechanical data Material data Locking material Mechanical data Material data Locking material Mechanical data Material data Locking material Mechanical data Mounting data Mounting method Push Pull Environmental characteristics Climatio Operating temperature man.	Additional condition protection degree	inserted, screwed
Rader surp voltage 1,5 kV	Pollution Degree	·
Mechanical data Material data Mechanical data Material data Mechanical data Material data Locking serves containg Zinc die-casting Mechanical data Mounting data Mechanical data Mounting d	Rated surge voltage	1,5 kV
Looking screw coaling Nickeled Zinc de-casting	Material group (IEC 60664-1)	
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Mounting method Push Pull Environmental characteristics Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard IEC 61076 2.111 Installation Cable Cable identification P07 Cable identification P07 Cable identification P07 Cable identification Discontification		
Privionmental characteristics Climatic	· · ·	Puch Pull
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard IEC 61076-2-111 Installation Cable Cable identification PO7 Cable identification PO7 Cable identification of view insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black with the isolation, white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black with the isolation, white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black with the isolation, white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black with the isolation with the isolation black white (isolation black) Amount wires 4 Amount wires 4 Cuber diameter (shearther core insulation ingredient (resense wire insulation black (white isolation), white (isolation black	-	
Operating temperature max. 85 °C depending on cable quality depending on cable quality (appending on cable quality		
Additional condition temperature range depending on cable quality Product standard IEC 61076-2-1111		
Conformity Product standard IEC 61076-2-111 Installation Cable Cable identification P07 Cable identification P08 Cable weight 114,4 g/m Material jacket P08 Cable weight 114,4 g/m Material jacket P08 Cable weight	<u> </u>	
Product standard IEC 61076-2-111 Installation Cable	Additional condition temperature range	depending on cable quality
Installation Cable Cable identification P07 Cable interview P07 Cable interview P07 Cable Type 3 Printing color of wire insulation Dack (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacker Color Dacker Col	Conformity	
Cable identification P07 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacked Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Cable weight 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 92 ± 5 Shore A Freedom from ingredients (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation pp Amount wires 4 Outer diameter Insulation 2,3 mm Outer diameter Insulation 60 ± 5 Shore D Shore hardness wire insulation 164 Fee, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation 14,5 mm Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor rorsessection (wi	Product standard	IEC 61076-2-111
Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Cable weigth 114,4 g/m Material Jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 17,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Installation Cable	
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Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Cable weight 114.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation pp Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor tyre (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare	Cable Type	3
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wive arrangement black 4, blue 3, white 2, brown 1 Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation pp Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Diamount strands (wire) 84 Diamou	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Amount stranding 1 Stranding 4 wires twisted black 4, blue 3, white 2, brown 1 Cable weight 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 12,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter ose rie insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 10 NV © 60 s	Jacket Color	black
Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Type of Certificate	cURus
wire arrangement black 4, blue 3, white 2, brown 1 Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 9UR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor rype (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Amount stranding	1
Cable weight 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation pP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter sublation of underference core insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor viressection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity will-wire 10 kV @ 60 s </td <td>Stranding</td> <td>4 wires twisted</td>	Stranding	4 wires twisted
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s PUR PUR Shore Parchae, Silicone-free PROMETRICAL SILICONE PROMETRI	wire arrangement	black 4, blue 3, white 2, brown 1
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation pp Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - iacket) 10 kV @ 60 s	Cable weigth	114,4 g/m
Freedom from ingredients (jacket) Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) \$\frac{5}{\%}\$. Material wire insulation Pp Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter insulation 5 \% Shore hardness wire insulation 60 \(\frac{5}{\\$}\) 5 Shore D Ingredient freeness wire insulation Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) Current load capacity (standard) Current load capacity inin. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega \)/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Material jacket	PUR
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Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m@ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - inchapter) Power frequency withstand voltage (wire - inchapter) Power frequency withstand voltage (wire - inchapter) Inchapter insulation insul	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation Ingredient freenes wire insulation Ingredient insulation Ingredient freenes wire insulation Ingredient free	Outer-diameter (jacket)	7,2 mm
Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation Ingredient free, cFC-free, halogen-free, silicone-free, silicone-free, silicone-free, silicone-free, silicone-free, silicone-free, silicone-free, silicone-free,	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Material wire insulation	PP
Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Ingredient free, CFC-free, halogen-free, silicone-free Ingredient free, cFC-free, halogen-free, silicone-free Ingredient free, cFC-free, halogen-free, silicone-free Ingredient freeness wire Ingredient free, CFC-free, halogen-free, silicone-free Ingredient free, cfc-free, loghumph, white (isolation blue), white (isolation brown), white (isolat	Amount wires	4
Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Outer diameter insulation	2,3 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires O,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) Nominal voltage AC max. 1000 V Current load capacity (standard) Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega / \text{km} \emptyre{ \text{@ 60 s}} \) Power frequency withstand voltage (wire - wire) 10 kV @ 60 s	Amount strands (wire)	84
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Conductor crosssection (wire)	1,5 mm ²
Traversing distance (C-track) 5 m @ 25 °C Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega/k\m\mathbb{m}\) \(\omega 20 \cdot\mathbb{C}\) AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega/km\) @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Traversing distance (C-track)	5 m @ 25 °C
Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega/km\) @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Nominal voltage AC max.	
Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Current load capacity min. wire	· · · · · · · · · · · · · · · · · · ·
Power frequency withstand voltage (wire - 10 kV @ 60 s jacket)	Electrical resistance line constant wire	<u> </u>
jacket)	AC withstand voltage (wire - wire)	10 kV @ 60 s
Min. operating temperature (static) -50 °C	Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
	Min. operating temperature (static)	-50 °C



Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio. 25 °C
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min