

M12 female 0° / M12 female 0° A-cod.

PUR 5x0.34 bk UL/CSA+drag ch. 0.6m

Female straight - female straight M12 - M12, 5-pole

A-coded

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

Plastic housings with good resistance against chemicals and oils.

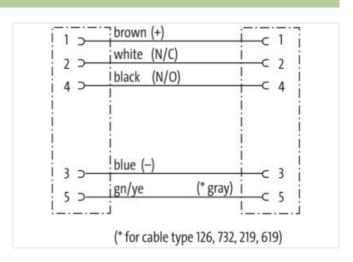
The resistance to aggressive media should be individually tested for your application. Further details on request.

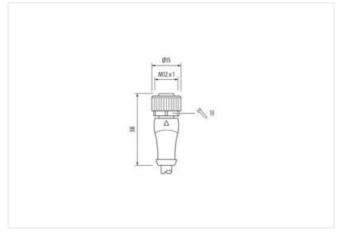
Further cable lengths on request.

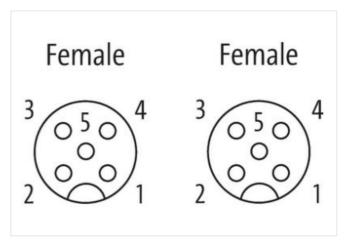
Link to Product

Illustration









Product may differ from Image













Cable length

0,6 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: 2024-05-20



stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Commercial data	
ECLASS-6.0	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	4048879565356
Packaging unit	1
Electrical data Supply	
	105 V
Operating voltage AC max. Operating voltage DC max.	125 V
Operating voltage DC max. Operating voltage AC (UL-listed)	125 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	30 V
<u> </u>	30 V 4 A
Current operating per contact max.	*A
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I The state of the
Mechanical data Material data	



stay connected

Adaminal galaset Adounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Diperating temperature min. AS °C Operating temperature min. Asteroics operating temperature min. Astero	Coating locking	Nickeled
Desire producted and the control of	Coating of fitting	nickel plated
Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Deparating temperature max. 85 °C Modificinal condition temperature range depending on cable quality Important Installation notes Motional condition temperature range depending on cable quality Important Installation notes Motion bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Alteritors: Observe the pormissable bending radii when taying cables, as the IP protection class can be enfangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Zable Inpo	Material gasket	FKM
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Departating temperature min. 25 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Oditional condition temperature max. 85 °C Oditional condition temperature max. 85 °C Modification of the protection of	Locking material	Zinc die-casting
Inserted, screwed, Shaking protection	Material screw connection	Zinc die-casting
Environmental characteristics Climatic Comments 25 °C Comparing temperature max. 25 °C Comparing temperature range Gepending on cable quality Gepending on cable quality Gepending on cable quality Gepending and cable cable (Contomity Contomity Contom	Mechanical data Mounting data	
Speciality temperature min. 25 °C	Mounting method	inserted, screwed, Shaking protection
Departing temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Protect standard DIN EN 61076-2-101 (M12) Important installation Cable Cable identification S35 Cable Type 3 Cable International Cable Cable identification S35 Cable Type 3 Cable International Cable Cable identification S35 Cable Type 3 Cable International Cable Cable identification S35 Cable Type 3 Cable International Sample International	Environmental characteristics Climatic	
Deprating temperature max. 85 °C depending on cable quality important installation notes Viole on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radii of the protection of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Cable identification SS 5 2able Type 3 3 2able Type 3 3 2able Type 3 3 2able Type 3 1 2able Type 3 1 2able Vipe 3 3 2able Vipe 3 4 2able Vipe 4 4 2able identificate culfus 1 1 2able Vipe 1 4 2able Vipe 3 4 2able Vipe 4 4 2able Vipe 4 4 2able Vipe 6 Certificate culfus 2able Vipe 6 Certificate culfus 2able Vipe 7 4 2able Vipe 7 4 2able Vipe 8 5 2able Vipe 8 5 2able Vipe 8 5 2able Vipe 8 6 2able Vipe 8 6 2able Vipe 8 6 2able Vipe 9 5 2able Vipe 9 5 2able Vipe 9 6 2able Vipe 9 6 2able Vipe 9 6 2able Vipe 9 7 2able Vi	Operating temperature min.	-25 °C
Important installation notes Visite on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Identification G35 Cable Identificati	• •	85 °C
Note on strain relief 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 Table identification Cable Type 3 Actent Color Data Data Attention of Conformity Type of Certificate Color Data Virge of Certificate Color Data Distranding Swires around Core filler twisted Tiller Yes Virge arrangement Drown, black, blue, white, green-yellow Cable weight Att. 8 grim Data Data Data Data Data Data Data Da	Additional condition temperature range	depending on cable quality
Note on strain relief 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 Table identification Cable Type 3 Actent Color Data Data Attention of Conformity Type of Certificate Color Data Virge of Certificate Color Data Distranding Swires around Core filler twisted Tiller Yes Virge arrangement Drown, black, blue, white, green-yellow Cable weight Att. 8 grim Data Data Data Data Data Data Data Da		
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 Gable Sable identification 635 Sable identification 635 Sable identification 635 Sable identification 636 Sable identification 636 Sable identification 637 Sable identification 638 Sable	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Product standard DIN EN 61076-2-101 (M12)	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12)	Conformity	
Cable Identification 635	Product standard	DIN EN 61076-2-101 (M12)
Cable Identification 635 Cable Type 3 Cable Color black Virye of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes Virie arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Fine edom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Obter and couter diameter (sebath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Under diameter folerance core insulation ± 5 % Shore hardness wire insulation 1,25 mm Duter diameter folerance core insulation 1 ± 5 % Shore bardness wire insulation 1 ± 5 % Shore bardness wire insulation 10 m gedent of leave experience core insulation Ingredient freeness wire insulation 10 m gedent of single wires Outled transpark wire insulation 10 m gedent of single wires Outl		
Cable Type 3 Jacket Color black Sype of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Vire arrangement yes Vire arrangement brown, black, blue, white, green-yellow Jable weight 41.8 g/m Material jacket PUR Shore A ardness jacket 90.2 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, sillcone-free Unter-diameter (jacket) 4.8 mm Follerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter insulation ± 5 % Shore A ardness wire insulation 70.2 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded	·	635
Flacker Color black Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Zable weight 41,8 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 Unter-diameter (jacket) 4.8 mm Follerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Shore hardness wire insulation 1.25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 42 Valuer diameter of single wires 0,1 mm Conductor type (wire) 42 Diameter of single wires 0,1 mm Conductor type (wire) 5 stranded cooper wire, bare Conductor type (wire) 5 stranded cooper wire, bare<		
Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Stranding 5 wires around Core filler twisted Wes Wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 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 Duter-diameter (jacket) 4,8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter losance core insulation 1,25 mm Duter diameter losance core insulation 2 ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Str	**	
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Able weigh 41.8 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 Duter-diameter (jacket) 4.8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Shore hardness wire insulation PP Amount wires 5 Shore hardness wire insulation 1,25 mm Duter diameter tolerance core insulation 50 ± 5 % Shore hardness wire insulation 10 ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Journal strands (wire) 42 Diameter of single wires 0,1 mm Adaterial conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Command voltage AC max. 300 V Zurrent load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - vire) 2,5 kV @ 60 s		
Stranding 5 wires around Core filler twisted yes vire arrangement brown, black, blue, white, green-yellow Zable weight 41.8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A reedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Jouler-diameter (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Jouler diameter insulation 1,25 mm Jouler diameter insulation 2 5 Shore D Ingredient freeness wire insulation 1 bead-free, cadmium-free, CFC-free, halogen-free, silicone-free Whout strands (wire) 42 Diameter of single wires 0,1 mm Jouler of crosssection (wire) 3 stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Journent load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Kow the frequency withstand voltage (wire - wire) 2,5 kV @ 60 s		
wire arrangement brown, black, blue, white, green-yellow Alterial jacket PUR Material jacket PUR Alterial jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Anount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 1,25 mm Duter diameter insulation 70 ± 5 Shore D Shore hardness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Anount swires 5 Duter diameter tolerance core insulation 1,25 mm Duter diameter insulation 1,25 mm Duter diameter silicone-free insulation 1,25 mm Duter diameter of single wires 0,1 mm Conductor crosssection (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Stranded copper wi		
brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Alaterial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 4.8 mm Folerance outer diameter (sheath) ± 5 % Alaterial wire insulation PP Amount wires 5 Shore hardness wire insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Donductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Straversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 2,5 kV @ 60 s PUR Shore hardness wire insulation Date of the complete of the	Filler	
Cable weigth 41,8 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 Duter-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 2 ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Donductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C CX withstand voltage (wire - virie) 2,5 kV @ 60 s PUR Diameter of single wires on the single wire wire wire) 2,5 kV @ 60 s PUR Diameter of single wires on the single wire wire wire wire on the single wire wire wire wire wire wire wire wir		
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 4,8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Freversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 7 Covew frequency withstand voltage (wire - acket) 1,5 kV @ 60 s		
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 4,8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Manount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Current load capacity min. wire 2,5 kV @ 60 s		
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	<u> </u>	
Duter-diameter (jacket) 4,8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Cover frequency withstand voltage (wire - wire) 2,5 kV @ 60 s	•	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 1. Sky @ 60 s	<u> </u>	
Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Donductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Durrent load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s	** '	· · · · · · · · · · · · · · · · · · ·
Amount wires 5 Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation 55Nore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,25 mm 1,25 mm 70 ± 5 Shore D Ingredient freeness wire insulation 1,25 mm 1,25 mm 1,25 mm 1,25 mm 1,25 mm 1,25 mm 2,25 kNV @ 60 s 1,25 mm 1,25	. ,	
Duter diameter insulation 1,25 mm Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega \text{kV} \emptyre{m}		
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega \text{km} \ \end{align*} \takes \taket* \end{align*} \ \end{align*} \takes \taket* \end{align*} \taket* \end{align*} \ \end{align*} \taket* \end{align*} \taket* \end{align*} \ \end{align*} \taket* \end{align*} \taket* \end{align*} \taket* \end{align*} \taket* \end{align*} \taket* \end{align*}		
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s	-	
Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Fraversing distance (C-track) Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire AC withstand voltage (wire - wire) Cover frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega / \text{km} \) @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Conductor type (wire) strand class 6 Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s	Material conductor wire	· · · · · · · · · · · · · · · · · · ·
Fraversing distance (C-track) 10 m @ 25 °C horizontal Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega / \text{km} \text{ @ 20 °C} \) AC withstand voltage (wire - wire) 2,5 kV \(\omega \text{ 60 s} \) Power frequency withstand voltage (wire - acket) 2,5 kV \(\omega \text{ 60 s} \)		
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s		
AC withstand voltage (wire - wire) 2,5 kV @ 60 s 2,5 kV @ 60 s 2,5 kV @ 60 s		·
Power frequency withstand voltage (wire - 2,5 kV @ 60 s		
,	Power frequency withstand voltage (wire - jacket)	
	Min. operating temperature (static)	-40 °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 § 1100 FT2 UL 1581 § 1090 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min