

M12 male 0° / M12 female 0° A-cod.

TPE 5x18AWG ye UL/CSA. ITC/PLTC 1m

Male straight – female straight Cable is approved for 600 V M12 – M12, 5-pole USA

Cable is approved for 600 V

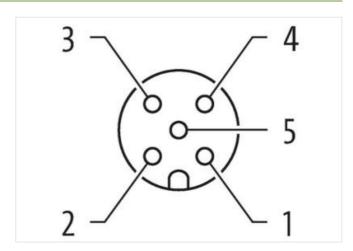
Plastic housings with good resistance against chemicals and oils.

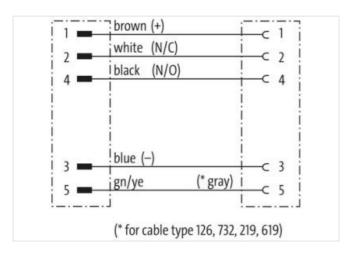
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

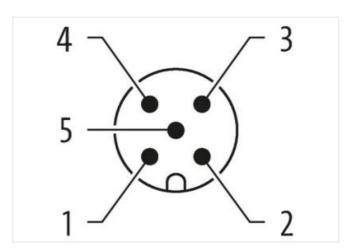
Link to Product

Illustration



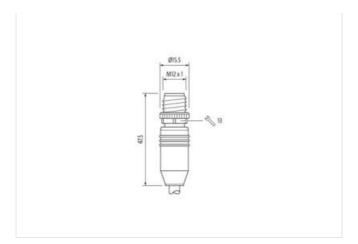


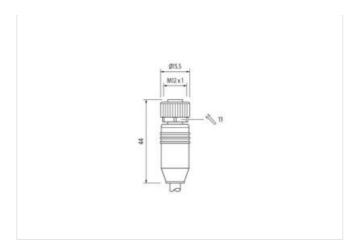






stay connected





Product may differ from Image











Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
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
Family construction form	M12
Thread	M12 x 1
Coding	A
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	4048879531405
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V



stay connected

Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Device protection (Escirical) 4 A Additional condition protection degree inserted, screwed Pollution Degree 3 Raid surge voltage 1,5 V/ Machanical data Control for corrugated from Machanical data (Merinal data) Without Conting focking Nickeled Malarian (proug (Merinal data) Zinc disc-casting Machanical data (Merinal data) Zinc disc-casting Machanical data (Mounting data) Nickeled Machanical data (Mounting data) Inserted, screwed. Shaking protection Environmental characteristics (Climatic) Control (Control of Control of C	Operating voltage DC max.	125 V
Operating per contact max. 4 A Device protection Electrical Additional condition protection depreced inserted, screwed Pollution Degree 3 Sale Sale	• •	
Current portection Electrical 4 A Device protection Electrical Assiliancia condition protection degree inserted, screwed Pollution Degree 3 Radied surpe voltage 1,5 xV Mechanical data Web (Control for corrugated hose) without Mechanical data Material data Modernal proup (IEC 60064*) Niceled Mechanical data Material data FUR Conting for bright 2 file Mechanical data Material data FUR Locking published Inserted, screwed, Shaking protection Environmental characteristics Climatic Control of control of control of the protection of the protection of the control of the quality Environmental characteristics Climatic Control of the control of the quality Environmental characteristics Climatic Protect the control of the quality Environmental characteristics Climatic Protect the control of the quality Environmental characteristics Climatic Protect the control of the quality Environmental characteristics Climatic Protect the control of the quality Environmental characteristics Climatic Protect the control of the quality Note		
Device protection Electrical Inserted, screwed Additional condition protection degree 3 Pollution Degree 15 x V Raded surge voltage 1,5 x V Meterial group (IEC 6004-1) I Michanical data V Control for corrugated hose without Mechanical data Material data Naterial data		
Additional condition protection degree inserted, screwed Pollution Degree 3 Rarded surge voltage 1,5 kV Metherial proup (EC 6064-1) I Mechanical data Conting for corrugated hose without Mechanical data Metherial data Locking ploking Nikeled Mechanical data Mounting PUR Locking preteried Zinc dis-casting Muchanical data Mounting data Inserted, soewed, Shaking protection Environmental characteristics Climatic Operating lemperature man 25 °C Operating lemperature man 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 ities. Note on strain installation and the protect of colspan="2">Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ities. Note on strain installation of the protect of colspan="2">Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ities. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the u		4 A
Pollution Degree 3 Raidos surge voltage 1,5 kV Meternal group (PEC 96684-1) I Mechanical data Control for corrugated hose without Mechanical data Material data Machanical data Machanic		
Rated super voltage Material group (IEC 806841) I Contour for corrugated hose without Mechanical data Contour for corrugated hose without Mechanical data Material flowing Material flowing Material flowing Material flowing Material flowing Material flowing Mechanical data Material flowing Material flowing Mechanical data Mounting Mechanical mounting Mechanical mounting Mechanical mounting Material mounting	, · · · · · · · · · · · · · · · · · · ·	<u>:</u>
Methalia group (EC 80684-1) Mechanical data Mechanical data Material data Mechanical data Material data Methanical data Material data Methanical data Material data Material possing Nickeled Methanical data Material data Methanical data Muniting data Mechanical data Muniting data Mechanical data Muniting data Mounting method Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Note on strain relief 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 Cable identification 161 Alzeled Color Type of Contificate URBs Amount stranding 1 Sives around Core filler twisted Filler yes wite arrangement Drown, black, blue, white, green yellow Carloe diameter (specie) 7,75 mm Tolerance outer diameter (specie) 7,75 mm Tolerance outer diameter (specie) 25 % Inguited fireness wire insulation 19 Similar related (wire) 19 Culter diameter (specie) 19 Similar related (wire) 19 Culter diameter field wire) 19 Cunter diameter field wire) Nominal voitage AC max. 50 OV		
Mechanical data without Mechanical data [Material data] Michanical data [Material data] Coating booking Nickeled Material housing PUR Locking material Zinc die casting Mechanical data [Mounting data] Wie described data [Mounting data] Environmental characteristics [Climatio Wiener Commendation [Commendation of the prediction of the pred		1,5 kV
Contour for corrugated hose without Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Musuling method inserted, screwed, Shaking protection Environmental characteristics Climato Coperating temperature max. Operating temperature max. 85 °C Additional condition temperature may. 85 °C Additional condition temperature max. 4 months of the connections by suitable measures from mechanical loads, e.g. by the usage of cable fises. Note on strain relief Protect the connection by suitable measures from mechanical loads, e.g. by the usage of	Material group (IEC 60664-1)	
Mechanical data Material data Nickaled Coating locking Nickaled Material housing PUR Locking material Zin die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climate Environmental characteristics Climate Operating temperature remin. -25 °C Operating temperature remin. -95 °C Additional condition temperature range depending on cable quality Important installation notes Wind the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fiels. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fiels. 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 Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Coloridation Cable Unit S 161076-2-101 (M12) Installation Cable Unit S 161076-2-101 (M12) Installation Cable well in S 161076-2-101 (M12)	Mechanical data	
Coating locking Nickeled Material housing PUR Locking material Zine die-casting Mechanical data Mounting data Mechanical data Mounting data Environmental characteristics Climatic Coperating temperature min. 45 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Volte on strain retief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain retief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain retief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard In \$1076-2-101 (M12) Installation Cable Installation Cable Installation Cable Using the strain of Cable with a strain of C	Contour for corrugated hose	without
Metrial housing Zinc die-casting Mechanical data Mounting data Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Fruironmental characteristics Climatic Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 161 Jacket Color yellow Yepe of Certificate CURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outler-diameter (jacket) 2,75 mm Material wrire insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Outer diameter toleran	Mechanical data Material data	
Locking material Zinc die-casting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. 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 161 Jacked Color yellow Type of Certificate CURus Amount stranding 1 Stranding 5 wises around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigh 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) 164 Joseph Coller-diameter (jacket) 7,75 mm Tolerance outer diameter (saketh) ± 5 % Material wire insulation 1,39 mm Outer diameter (saketh) ± 5 % Material wire insulation 1,39 mm Outer diameter insulation 1,39 mm Outer diameter swire insulation 1,40 mm Diameter of single wires 18 AWG Conductor orssseedion (wire) 19 Diameter of single wires 18 AWG Conductor of the permission 1,40 mm Diameter of single wires 1,40 mm Diameter of single w	Coating locking	Nickeled
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatics Commonship of the protection of the pro	Material housing	PUR
Mounting method inserted, screwed, Shaking protection Protronmental characteristics Climatic	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection Protronmental characteristics Climatic	Mechanical data Mounting data	
Environmental characteristics Climatic Operating temperature min.	Mounting method	inserted, screwed, Shaking protection
Operating temperature min. -25 °C Operating 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. 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 Cable identification 161 2acket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 gm Material jacket TFE Freedom from ingredients (jacket) 1,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,93 mm Outer diameter (sheath) ± 5 % Material condret freeness wire insulation 1,93 mm <tr< td=""><td></td><td></td></tr<>		
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Amount wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter insulation 1,93 mm Outer diameter folerance core insulation 1,94 MG Attential work 1,94 MG Conductor crosssection (wire) 1,94 MG Bakerial conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	·	
Additional condition temperature range by depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Protection class can be endangered by excessive bending forces. Contemity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Savies around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 103,4 g/m Material jocket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) 25 % Material wire insulation 1,93 mm Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Outer diameter folerance core insulation 1,93 mm Outer diameter of single wires 1,94 MG Amount strands (wire) 1,9 mm Ingredient freeness wire insulation 1,93 mm Outer diameter of single wires 1,94 MG Amount strands (wire) 1,9 mm Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Cofor yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigh 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) 7.75 mm Outer-diameter (jacket) 7.75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter insulation 1,93 mm Unter diameter (seness		
Note 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. Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) 25 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation 193 mm Outer diameter tolerance core insulation 194 mm Insulation Lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Material ovoltage AC max. 600 V		depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP prolection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Swires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE- Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Ingredient freeness wire insulation 1,93 mm Ingredient freeness wire insulation 1,94 mm Ingredient freeness w	•	
Contentity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation ±,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare <	Note on strain relief	· · · · · · · · · · · · · · · · · · ·
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation 1,93 mm Outer of simple wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Note on bending radius	
Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Conformity	
Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation bed-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Product standard	DIN EN 61076-2-101 (M12)
Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Installation Cable	
Type of Certificate CURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7.75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation ± 6 wire. Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Cable identification	161
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Jacket Color	yellow
Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Type of Certificate	cURus
Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Onductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Amount stranding	1
wire arrangement brown, black, blue, white, green-yellow Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Stranding	5 wires around Core filler twisted
Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Filler	yes
Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	wire arrangement	brown, black, blue, white, green-yellow
Freedom from ingredients (jacket) Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) \$\frac{\frac{5}}{\text{%}}\$\$ Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Nominal voltage AC max. 600 V	Cable weigth	103,4 g/m
Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Material jacket	TPE
Tolerance outer diameter (sheath)	Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Outer-diameter (jacket)	7,75 mm
Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Material wire insulation	DVC
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Material Wife insulation	FVC
Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Amount wires	
Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V		5
Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Amount wires	5 1,93 mm
Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Amount wires Outer diameter insulation	5 1,93 mm ± 5 %
Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation	5 1,93 mm ± 5 % lead-free, CFC-free
Nominal voltage AC max. 600 V	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire)	5 1,93 mm ± 5 % lead-free, CFC-free 19
	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	5 1,93 mm ± 5 % lead-free, CFC-free 19 18 AWG
Current load capacity (standard) to DIN VDE 0298-4	Amount wires Outer diameter insulation Outer diameter tolerance core insulation	5 1,93 mm ± 5 % lead-free, CFC-free 19 18 AWG 18 AWG
	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	5 1,93 mm ± 5 % lead-free, CFC-free 19 18 AWG 18 AWG Stranded copper wire, bare



Current load capacity min. wire	9 A
Electrical resistance line constant wire	22,5 Ω/km
AC withstand voltage (wire - wire)	4 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m