

## 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

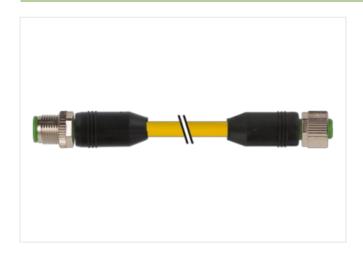
Cable is approved for 600 V

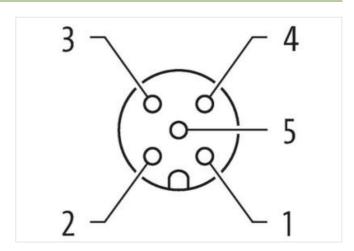
Plastic housings with good resistance against chemicals and oils.

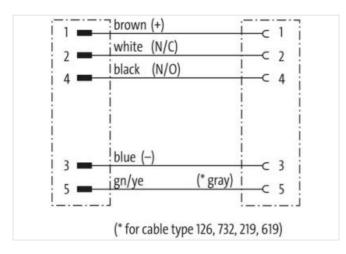
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

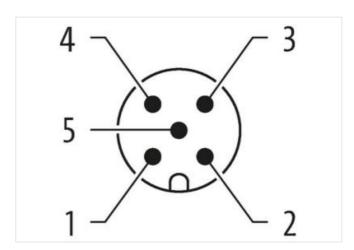
## **Link to Product**

## Illustration



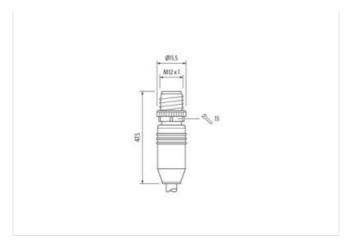


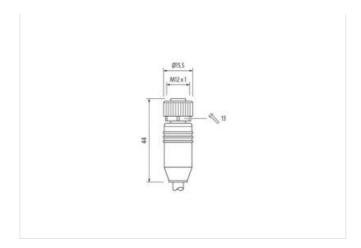






stay connected





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



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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 plocking         Nikeled           Mechanical data   Mounting         PUR           Locking preteried         Zinc dis-casting           Mechanical data   Mounting data         Inserted, screwed, 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 contractive by suitable measures from mechanical loads, e.g. by the usage of cable ities.           Note on strain of Label         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ities.           Note on strain installation (ability)         Alterition: Chosen's the permissible bending radii when laying cables, as the IP protection		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