

## M12 male 0° / M12 female 0° A-cod. AIDA

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

AIDA conform

 $\label{eq:malestraight} \textbf{Male straight} - \textbf{female straight}$ 

M12 - M12, 5-pole

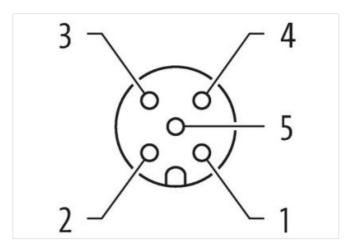
Plastic housings with good resistance against chemicals and oils.

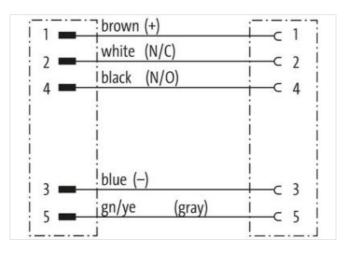
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

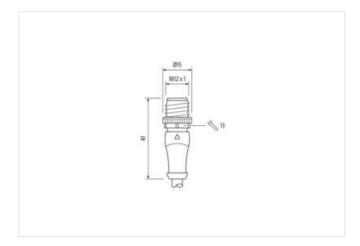
## **Link to Product**

## Illustration





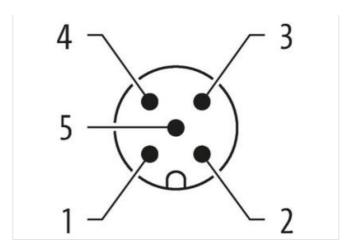






stay connected





Product may differ from Image





Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
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
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Cable outlet	straight
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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



stay connected

Security	ETIM-5.0	EC001855
CTIN		
Packaging unit		
Potential data   Supply		
Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC (UL-isled)         30 V           Operating voltage DC (UL-isled)         30 V           Current operating per contact max.         4 A           Device protection [Electrical         ************************************		
Operating voltage DC max.   125 V   Operating voltage AC (UL-isted)   30 V   Operating voltage AC (UL-isted)   30 V   Operating voltage AC (UL-isted)   30 V   Operating voltage DC UL-isted)   Operating voltage DC UL-isted)   Operating voltage DC UL-isted)   Operating DC UL-isted UL-iste		
Operating voltage DC (UL-isted) 30 V  Current operating per contact max. 4 A  Device protection   Electrical  Additional condition protection degree   Insented, screwed    Pollution Degree   3  Rated surge voltage   1,5 kV    Makertal group (EC 60664-1)   I  Mochanical data   Material data    Machanical data   Material data    Coating locking   Nickeled    Coating material   Zinc die-casting    Machanical data   Munting data    Foredation method   Secondary    Protect data   Munting data    Attention: Cobserve the permissible bending radii when laying cables, as the IP protection class can be endanguated by excessive bending forces.  Contornity    Product standard   DIN EN 61076 2-101 (M12)    Installation   Cable    Cable ingentification    Separating   Secondary    Jacket Color   yellow    Type of Certificate   CIPus    Stranding   Severa around Core filler twisted    Filler   yes    Shore hardne	<u> </u>	
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV Material group (EC 60664-1) I  Mechanical data   Material data  Coating looking   Nickeled   Locking material   Zirc die-casting   Mechanical data   Mounting data  Muchanical data   Mounting data  Mechanical data		
Current operating per contact max.  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 k IV  Machanical data   Material data  Coating locking Nickeled  Coating locking Nickeled  Locking material   Zirc de-casting  Mechanical data   Mounting data  Muchanical data   Mounting data  Muchanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  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 sharin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees.  Affectional relief Protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable    Cable identification    Label Cable   Sype   3  Lacket Color yellow  Type of Cartificate Culfus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes  Wire arragement Cocked   14,8 g/m  Material picket   PUR  Shore hardness jacket   PUR  Shore hardness jacket   PUR  Shore hardness jacket   PUR  Material wire insulation   1,25 mm  Outer diameter (seketi)   2,5 mm  Outer diameter (seketi)   2,5 mm  Outer diameter tolerance core insulation   70 ± 5 Shore D		
Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3           Reted surge voltage         1,5 kV           Material group (EC 80684-1)         I           Mechanical data   Material data         Mickeled           Locking naterial         Zinc die-casting           Mechanical data   Mounting data         Mickeled           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating preparature min.           Operating pemperature max         25 °C           Additional condition tumpurature range         depending on cable quality           Important installation notes         Note on stant nelief           Note on stant nelief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stant nelief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Colabi citype         3           Jacket Color         yellow           Type of Gertificate         Elemental Services and the protection of the twisted           <		
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge votating 1,5 kV Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking Nickeled   Coating Mechanical data   Material data  Coating locking   Nickeled   Coating Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating temperature min.	· · · · · · · · · · · · · · · · · · ·	4 A
Pollution Degree 3 Rated surge voltage 1,5 kV Malarial group (IEC 60664-1) I Mechanical data   Material data Coating looking Nickeled Looking material Zinc die-casting Mechanical data   Mounting data Munting method inserted, Screwed, Shaking protection Environmental characteristics   Climatic Operating lemperature min. 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   126 Cable identification   136 Cable identification   140 Cable identification   150 Cable ide	Device protection   Electrical	
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data   Material data  Coating locking Nickaled Locking material Zino die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C Operating temperature min85 °C Operating temperature map85	Additional condition protection degree	·
Mechanical data   Material data  Coating locking Nickoled Locking material Zinc dise-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min.		3
Mechanical data   Material data         Nickoled           Coating locking         Nickoled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating 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 ites.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on bending radius         Attention: Observe the permissible bending forces.           Conformity         Protect shandard           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Salacka Color           Type of Cartification         26           Cable intype         3           Jackack Color         yellow           Type of Cartificate         Use Salacka Color           Type of Cartificate         yes           Write arrangement         brown, black, blue		1,5 kV
Coating locking material         Nickeled           Mechanical data   Mounting data         Mechanical data   Mounting data           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         25 °C           Operating temperature min.         -25 °C           Operating temperature rans.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vision of the stall range of the stall range of 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         IDIN EN 61076-2-101 (M12)           Installation   Cable         Image: Cable identification   26	Material group (IEC 60664-1)	
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature mix. 85 °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.  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 8 1076-2-101 (M12)  Installation   Cable  Cable identification   126  Cable identification   126  Cable Type   3  Jacket Color yellow  Type of Certificate UIPus  Amount stranding   1  Stranding   5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, gray  Cable 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  Outer-diameter (jacket)   4.8 mm  Tolerance outer diameter (sheath)   ± 5 %  Material wire insulation   1,25 mm  Outer diameter insulation   70 ± 5 Shore D  Shore hardness wire insulation   70 ± 5 Shore D	Mechanical data   Material data	
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C Operating temperature man. 88 °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   126 Cable Type   3	Coating locking	Nickeled
Mounting method inserted, Screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Violation and 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   126   Cable Type   3   Jacket Color   yellow  Type of Certificate   cURus  Annount stranding   1   Stranding   5 wires around Core filler twisted  Filler   yes  wire arrangement   brown, black, blue, white, gray  Cable weight   41,8 g/m  Material jacket   90 ± 5 Shore A  Freedom from ingredients (acket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)   4,8 mm  Tolerance outer diameter (sheath)   ± 5 %  Material wire insulation   PP  Annount wires   5  Outer diameter insulation   70 ± 5 Shore D	Locking material	Zinc die-casting
Environmental characteristics   Climatic Operating temperature min25 °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   126 Cable identification   126 Cable Type   3 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, gray Cable weigh   41,8 g/m Material jacket   PUR Shore hardness jacket   90 ± 5 Shore A Freedom from ingredients (jacket)   tead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket)   4,8 mm Tolerance outer diameter (sheath)   ± 5 % Material wire insulation   70 ± 5 Shore D	Mechanical data   Mounting data	
Operating temperature min. 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   126 Cable identification   126 Cable Otor   yellow Type of Certificate   cultus Amount stranding   1  Stranding   5 wires around Core filler twisted Filler   yes wire arrangement   brown, black, blue, white, gray Cable weigh   41,8 g/m Material jacket   PUR Shore hardness jacket   90 ± 5 Shore A Freedom from ingredients (jacket)   4,8 mm Tolerance outer diameter (sheath)   ± 5 % Material wire insulation   1,25 mm Outer diameter insulation   50 ± 5 Shore D	Mounting method	inserted, screwed, Shaking protection
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 126  Cable Type 3  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, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 shore D	Environmental characteristics   Climatic	
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 126  Cable identification 126  Cable Type 3  Jaucket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, gray  Cable weighh 41.8 g/m  Material jacket PUR  Shore hardness jacket (saketh) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter (slecketh) ± 5 %  Material wire insulation PP  Amount wires 5  Couter diameter tolerance core insulation 57 ± 5 Shore D	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 126  Cable identification 126  Cable Type 3  Jaucket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, gray  Cable weighh 41.8 g/m  Material jacket PUR  Shore hardness jacket (saketh) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter (slecketh) ± 5 %  Material wire insulation PP  Amount wires 5  Couter diameter tolerance core insulation 57 ± 5 Shore D	Operating temperature max.	85 °C
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 126  Cable Ifype 3  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, gray  Cable weight 41,8 g/m  Material jacket 99 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 57 ± 5 Shore D	Additional condition temperature range	depending on cable quality
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 126  Cable identification 126  Cable Type 3  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, gray  Cable 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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter tolerance core insulation 70 ± 5 Shore D	Important installation notes	
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 126  Cable identification 126  Cable Type 3  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, gray  Cable 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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter tolerance core insulation 70 ± 5 Shore D	Note on strain relief	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)  Installation   Cable  Cable identification 126  Cable identification 126  Cable Type 3  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, gray  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  Outer-diameter (jacket) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification 126 Cable identification 126 Cable Type 3 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, gray 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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D	Conformity	
Cable identification 126 Cable identification 126 Cable Type 3 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, gray 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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 70 ± 5 Shore D	Product standard	DIN EN 61076-2-101 (M12)
Cable identification         126           Cable Type         3           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, gray           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           Outer-diameter (jacket)         4,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D	Installation   Cable	
Cable Type         3           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, gray           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           Outer-diameter (jacket)         4,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         5           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D		126
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, gray 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 Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		
Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		
Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		
Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		
Filler yes wire arrangement brown, black, blue, white, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		
brown, black, blue, white, gray  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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		
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  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		<del>`</del>
Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	<u> </u>	
Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D		<del>-</del>
Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  4,8 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  5  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  5 %  Shore hardness wire insulation  70 ± 5 Shore D	Shore hardness jacket	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Freedom from ingredients (jacket)	
Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Outer-diameter (jacket)	4,8 mm
Amount wires 5 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 70 ± 5 Shore D	Amount wires	5
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	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 mm <sup>2</sup>
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 - jacket)	2,5 kV @ 60 s
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
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
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