

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

PUR 5x0.34 ye UL/CSA+drag ch. 0.3m

AIDA conform

Male straight - female straight

M12 - M12, 5-pole

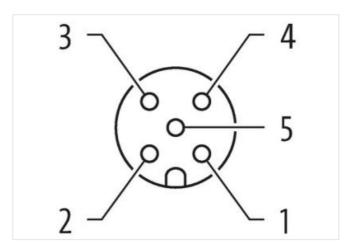
Plastic housings with good resistance against chemicals and oils.

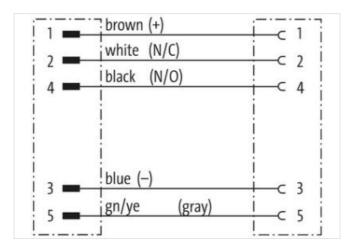
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

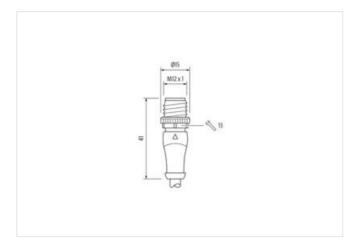
## **Link to Product**

## Illustration



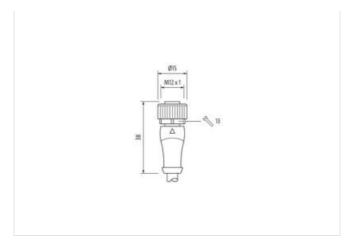


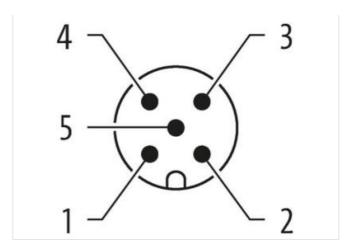






stay connected





Product may differ from Image





Cable length	0,3 m
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 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
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



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coations fariff number 85444290 GTIN 4048879482943 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (Listed) 30 V Operating to protection   Electrical Additional condition protection degree is inserted, screwed Pollution Degree 3 Rated surge voltage Active Active Active AC (Listed) 30 V Operating voltage AC (Listed) 30 V Operating to protection   Electrical Active Active Active AC (Listed) 30 V Operating to protection   Electrical 30 V Operating to protection   Electrical 30 V Operating temperature min. 25 C C Operating temperature max. 85 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Operating temperature range depending on cable quality Important installation notes  Note on bending radius Active Activ	ETIM-5.0	EC001855
CTIN		
Peschaging unit         I           Electrical data (Suppy)         Coperating voltage AC max.         125 V           Operating voltage AC (ILI-listed)         30 V           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Additional condition protection degree         1,5 V           Mailed surge voltage         1,5 V           Mailed surge voltage (ICI (ILI (ILI (ILI (ILI (ILI (ILI (ILI		
Electrical data   Supply         Operating voltage AC max.         125 V           Operating voltage AC (UL-Islaed)         30 V           Operating voltage AC (UL-Islaed)         4 A           Operating voltage AC (UL-Islaed)         4 A           Operating voltage AC (UL-Islaed)         Islaed AC (UL-Islaed)           Pollution Degree         3           Rated surge voltage         1.5 KV           Maching active (UC-COSGA+1)         1           Maching active (UC-COSGA+1)         1           Maching active (UC-COSGA+1)         2.5 KV           Maching active (UC-COSGA+1)         2.5 KV           Maching active (UC-COSGA+1)         1           Maching active (UC-COSGA+1)         1           Maching active (UC-COSGA+1)         2.5 KC           Operating temperature max.         2.5 KC <td></td> <td></td>		
Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC ML sleed)         30 V           Operating voltage DC ML sleed)         30 V           Operating voltage DC ML sleed)         30 V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raide surge voltage         1,5 AV           Material group (EC 60664-1)         1           Mechanical data   Mounting data         Visitable           Locking naterial         Zinc die-casting           Mechanical data   Mounting data         visitate de, screwed, Shaking protection           Environmental characterisics   Climatic         Visitate de, screwed, Shaking protection           Poperating temperature mix.         45 °C           Additional condition temperature max.         85 °C		
Operating voltage AC max.         125 V           Operating voltage AC (UL listed)         30 V           Ourrent operating per contact max.         4 A           Device protection   Electrical         V           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Mechanical data   Material data         Voltage (EC 60864-1)           Locking material         Zinc dis-cesting           Mechanical data   Mounting data         Nickeled           Locking material         Zinc dis-cesting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Afterdition: Cobserve the pormissibility benefity gradit when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain of Cable         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Roll is id		4051/
Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current Operating per contact max.         4 A           Additional condition protection degree         inserted, screwed           Pollution Degroe         3           Rated surge voltage         1.5 kV           Meternal group (IEC 60664+1)         1           Mechanical data Meterial data         Coating booking           Locking material         Zinc die-casting           Mechanical data Mounting data         Zinc die-casting           Mechanical data Mounting data         Zinc die-casting           Mechanical data Mounting data         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature mix.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radii.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nate on bending radius         Attention: Observe the permissible bending radii when laying cables, a		
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Device protection   Electrical         Sectional condition protection degree         insented, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Meternal group (IEC 60684-1)         I           Mechanical data   Material data         Zinc die-casting           Locking material         Zinc die-casting           Mechanical data   Mounting data         Michanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range depending on cable quality           Important installation notes         Note on bending radius           Note on bending radius         Afterlion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable identification   Cable         DIN EN 61076-2-101 (M12)           Installation   Cable         Cubic identification   Cable           Cable in yee of Conflicate         culfus           Cable in yee of C		
Current operating per contact max.  Pevice protection   Electrical   Additional condition protection degree   inserted, screwed   Pollution Degree   3   Ratical surge voltage   1,5 kV   Material group (IEC 60664-1)   I   Mechanical data   Material data   Coating locking   Nickeled   Locking material   Zore die casting   Mechanical 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 stain notes   Note on bending radius   Attention: Observe the permissible bending radiu 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   Coalic   Cable (Installation   33   Cable (Coor   yellow   Type of Cerificate   URUs   Wire arrangement   Swires around Core filler twisted   Filler   yes   Wire arrangement   brown, black, blue, white, green yellow   Cable (seeiin)   41,8 g/m   Material gabet   PIR   Shore hardness jacket   PIR   Shore hardness jacket   PIR   Shore hardness jacket   PIR   Shore hardness jacket   PIR   Shore hardness invalation   PP   Amount stream for liquid wire insulation   PP   Amount wires   5   Outer diameter (shealth)   2.5 %   Outer diameter (shealth)   2.5 %   Shore hardness wire insulation   70 ± 5 Shore D		
Device protection   Electrical         Inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Meterial data         1           Coating locking         Nickeled           Locking material         2mc die- casting           Mechanical data   Mounting data         Mickeled           Locking material         2mc die- casting           Mechanical data   Mounting data         Mickeled           Locking material         2mc die- casting           Mechanical data   Mounting data         Mickeled           Locking material         2mc degreed, Shaking protection           Environmental characteristics   Climatic         Climatic degree deg		
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge votinge         1,5 kV           Material group (EC 60684-1)         I           Mechanical datal Metrial data         Inchest surge votinge         Nokeled           Coding locking         Nokeled         Inches very surgerial         Inches very surgerial         Inches very surgerial           Mechanical datal Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climate         Protect         Protect           Environmental characteristics   Climate         Product any surgerial very	Current operating per contact max.	4 A
Pallution Degree         3           Rated surge voltage         1,5 k/V           Material group (IEC 69684-1)         1           Mechanical data   Material data         Coating looking         Nickeled           Locking material         Zinc die casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Cimatic         Coperating temperature min.           Operating temperature min.         45 °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 liee.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.           Conformity         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Collability of the protection of the protection class can be endangered by excessive bending forces.         So S S S S S S S S S S S S S S S S S S	Device protection   Electrical	
Rated surge voltage         1,5 kV           Material group (EC 60664-1)         1           Mechanical data   Meterial data         Image: Common of the common of th		
Metarial group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climate         Coperating temperature min.         45° °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important Installation notes         Vince on brading radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanguered by excessive bending forces.           Conformity         Product standard         DIN EN 61076 2-101 (M12)           Installation   Cable         25         Collected fertification         35           Cable identification   Cable         33         34         <		
Mechanical data   Material data Coating locking Nickeled Zinc die-casting Mechanical data   Mounting data Mechanical double   Mounting data Mechanical double depending on cable quality Important installation notes Note on bending radius Aftertion: 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		1,5 kV
Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical 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 rane         despending on cable quality           Important installation notes         Value on brain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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         Q35           Cable identification         Q35         Q3           Cable (both Type)         Q 3         Q4           Type of Certificate         current of certificate         CURs           Amount stranding         1         Quere time ties twisted           Filler         yes	Material group (IEC 60664-1)	
	Mechanical data   Material data	
Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         25 °C           Operating temperature man.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Mole 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         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Conformity           Cable identification         035           Cable identification         035           Cable (entification)         035           Cable (or yellow         910w           Type of Certificate         URBus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire a	Coating locking	Nickeled
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         Vote 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         Votes the following radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Votes the following radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Votes the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Votes the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Votes the following radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Votes the following radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	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.  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 035 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Standing 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weight 41,8 g/m Material jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,8 mm Tolerance outer diameter (seath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter (sleaten) 1,25 mm Cutter diameter (selaten) 2 ± 5 % Cuter diameter insulation 1,25 mm Cuter diameter insulation 5,25 Shore D	Mechanical data   Mounting data	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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)           Product standard         DIN EN 61076-2-101 (M12)           Cable identification         035           Cable identification         035           Cable identification         035           Cable Inype         3           Jacket Color         yellow           Type of Certificate         cURus           Anount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigh         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A     <	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.  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 035 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, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket   PUR 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 Couter diameter insulation 1,25 mm Outer diameter tolerance core insulation 5,0 ± 5 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.  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 O35  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, green-yellow  Cable weighh 41,8 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) 48 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Couter diameter insulation 1,25 mm  Outer 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.  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 O35  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, green-yellow  Cable weighh 41,8 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) 48 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Couter diameter insulation 1,25 mm  Outer 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.           Note on bending radius         Atention: 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           Cable identification         035           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, green-yellow           Cable weigth         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.8 mm           Tolerance outer diameter (sheath)         ± 5 %           Amount wires         5           Outer diameter insulation         1,25 mm           Out		depending on cable quality
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         035           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, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         1 ead-free, cadmitum-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         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D	Important installation notes	
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         035           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, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         1 ead-free, cadmitum-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         ± 5 %           Shore hardness wire 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
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Installation   Cable           Cable identification         035           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, green-yellow           Cable weigth         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           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	Conformity	
Installation   Cable           Cable identification         035           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, green-yellow           Cable weigth         41.8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           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	Product standard	DIN EN 61076-2-101 (M12)
Cable identification         035           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, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           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, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           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	·	025
Jacket Color  Type of Certificate Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 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		
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 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, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           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		·
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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



stay connected

Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - 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	DIN EN 60811-404   Good, application-related testing
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