

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

PUR 5x0.34 ye UL/CSA+drag ch. 17.5m

AIDA conform

Male straight - female straight

M12 - M12, 5-pole

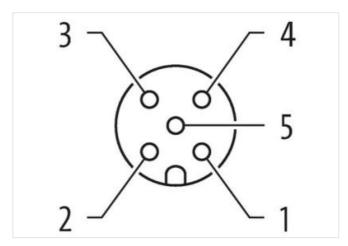
Plastic housings with good resistance against chemicals and oils.

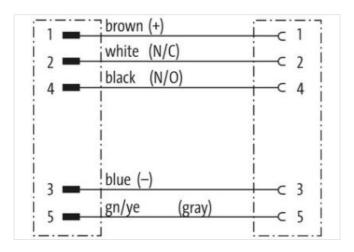
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

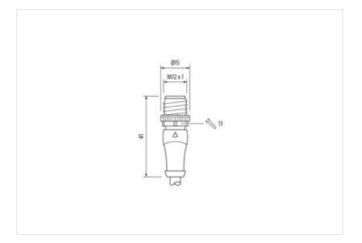
## **Link to Product**

## Illustration



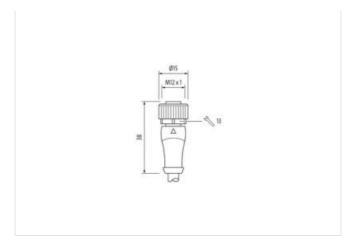


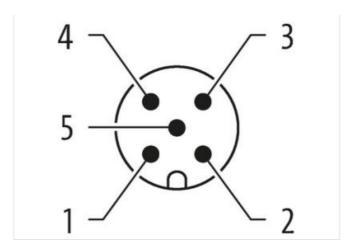






stay connected





Product may differ from Image





Cable length	17,5 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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Contomis tain'il number	ETIM-5.0	EC001855
OTIN         4048879617925           Packaging unit         1           Exercised data (Suppty)           Operating voltage AC max         128 V           Operating voltage AC (IL Listed)         30 V           Operating voltage DG (IL Listed)         30 V           Operating voltage DG (IL Listed)         30 V           Operating voltage DG (IL Listed)         30 V           Powling protection (Electrical)         Additional condition protection regree         3           Additional condition protection regree         3         3           Rated surge voltage         1,5 kV         4           Memoral group (IEC 90594+1)         I         Memoral protection (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral protection (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral protection (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral protection (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral group (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral group (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral group (IEC 90594+1)           Memoral group (IEC 90594+1)         I         Memoral group (IEC 90594+1)		
Packaging unit		
Potentiany voltage AC max.   125 V		
Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC max.         30 V           Operating voltage DC IUL-listed;         30 V           Operating voltage DC IUL-listed;         30 V           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Raided surge voltage         1,5 kV           Material group (IEC 6068-1)         1           Mechanical data Marial data         Zino de-casting           Mechanical data Munting data         Zino de-casting           Mechanical data Munting data         Inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Protect the connections by suitable measures from mechanical loads, e.g., by the usage of cable dies.           Addition Incomental condition temperature max.         85 °C           Addition Interprature max.         85 °C           Addition Interprature max.         85 °C           Note on sharin reliaf         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies.           Note on sharin reliaf and from feet.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable dies.           Co		
Operating voltage AC max         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         Inserted, screwed           Pollution Deprove         3           Rated surge voltage         1,5 kV           Meterial group (EC 60864-1)         1           Mechanical data (Material data         2 casting before           Capting booking         Nickeled           Locking material         Zinc dis-casting           Mechanical data (Munting data         Xinc dis-casting           Mourning method         inserted, screwed, Shaking protection           Environmental characteristics (Climatic         Coperating temperature max.           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 ities.           Note on theming radius         Afteritions: Cbasers the permissible bording radis 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 i		105.1/
Operating voltage AC (UL-listed)         30 V           Operating voltage CD (UL-listed)         30 V           Device protection per contact max.         4 A           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         1 sex V           Metantia group (EC 60684+1)         1 sex V           Metantia (prot) (EC 60684+1)         1 sex V           Mechanical data (Material data Mounting data Mechanical data (Mounting data Mounting data Mounting data Mounting data Mounting method         Incepted acading           Mechanical data (Mounting data Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Competing temperature mix.           Poperating 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 radiius           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending and by excessive bending forcius.           Colorimity         Colorimity           Product		
Operating voltage DC (UL-tilester)         30 V           Current operating per contract max.         4 A           Device protection Electrical         Inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Meternal group (EC 80684-1)         I           Mechanical data Material data         Zinc die-casting           Locking material         Zinc die-casting           Mechanical data I Mounting data         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         Altention: 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         Culke identification         935           Cable in year of Certificate         culkus           Anount stranding         1         Stranding           Filer         yes		
Device protection   Electrical		
Device protection   Electrical   Additional condition protection degree   inserted, screwed		
Additional condition protection degree   inserted, screwed   Pollution Degree   3   Bated surge voltage   1,5 kV   Material group (IEC 60684-1)   1    Wechanical data   Material data   Coating locking   Chocking   Chocking material   Coating locking   Chocking material   Zinc dise-casting   Wechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Environmental characteristics   Climatic   Coperating temperature min.   25 °C   Coperating temperature min.   45 °C °C   Coperating		4 A
Pallution Degree         3           Rated surge voltage         1,5 k/V           Material group (IEC 6064+1)         1           Mechanical data   Material data         Nickeled           Coding material         Zinc die casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Commential preparature min.           Operating temperature min.         45 °C           Operating temperature min.         45 °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 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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Ability of Cable Standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Secondary of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable Type		
Rated surge voltage   1,5 kV   Material group (EC 6064-1)   1   Mechanical data   Material data   Locking material   Zinc die-casting   Mechanical data   Mounting data   Mounting method   Inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature min.		<u> </u>
Material group (IEC 60664-1)         I           Mechanical data   Material data         Nickeled           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Investigation           Mechanical data   Mounting data         Investigation           Environmental characteristics   Climatic         Operating temperature min.         425 °C           Operating temperature max         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Note on standard         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         Standard         DIN EN 61076 2-101 (M12)           Installation   Cable         Cable identification         0.35           Cable identification         0.35           Cable identification         0.35           Cable identification         0.91           Stranding         5 wires around Core filler twisted           Filler		
Mechanical data   Material data         Nickeled           Locking material         Zinc die-casting           Mechanical data   Munting data         Mechanical data   Munting data           Meunting method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature min.         -25 °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 fies.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.           Conformity         Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Conformity           Cable identification         035           Cable identification         035           Cable interflication         035           Cable interflication         045           Cable interflication		
Coating locking material         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Activational condition temperature range and pending on cable quality           Important installation notes         Voc. 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.           Contormity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         035           Cable identification         035         Cable identification         035           Cable identification         1         1           Stranding         1	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 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  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 weight 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 (selation on insulation 1,25 mm  Outer diameter (selation insulation 1,25 smm  Outer diameter (selation insulation 1,25 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.         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 lies.           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         Installation (Cable           Cable identification         035           Cable identification         045           Storage         yellow           Storage         5 wires around Core filler twisted           Filler         yes <tr< td=""><td>Coating locking</td><td>Nickeled</td></tr<>	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  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 weight 41,8 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket PUR  Material wire insulation PP  Amount wires 5  Outer diameter (jacket) 1,25 mm  Outer diameter (sheath) 1,55 mm  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameters insulation 1,25 mm  Outer diameters wire insulation 1,25 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.  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 weight 41,8 g/m Material jocket 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 50±5 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  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 035 Cable 17pe 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes Iver arrangement brown, black, blue, white, green-yellow Cable weight 41,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 48 mm  Outer-diameter (jacket) 4,8 mm  Outer diameter (sheath) 55 Cuter diameter (sheath) 1,25 mm  Outer diameter insulation 70 ± 5 Shore D	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.  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   Bed-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 7,0 ± 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.  Contormity  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 weighh 41,8 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) 1ead-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 insulation 70 ± 5 Shore D	Operating temperature min.	-25 °C
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         035           Cable Identification         035         Cable Identification         040           Type of Certificate         culkus         Cable Identification         040           Type of Certificate         culkus         Cable Identification         040           Stranding         1         1           Stranding         5 wires around Core filler twisted         1           Filler         yes         1           Wire arrangement         brown, black, blue, white, green-yellow         2           Cable weigth         41,8 g/m         4           Material jacket         PUR         3           Shore hardness jacket         90 ± 5 Shore A         6           Freedom from ingredients (jacket)         4,8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation	Operating temperature max.	85 °C
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 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) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 5  Outer diameter tolerance core insulation 70 ± 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 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) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire Insulation 1,25 mm  Outer diameter insulation 1,25 mm  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 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) 4,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire Insulation 1,25 mm  Outer diameter insulation 1,25 mm  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		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
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 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		
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		·
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  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, 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		
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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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		
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)  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		
Tolerance outer diameter (sheath) $\pm 5\%$ Material wire insulation PP  Amount wires 5  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 70 $\pm 5$ Shore D	·	
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 $\pm 5\%$ Shore hardness wire insulation $70 \pm 5$ Shore D	Amount wires	5
Shore hardness wire insulation $70 \pm 5$ 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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18



## 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