

## M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 ye UL/CSA 1m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female straight

M12 - M12, 4-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

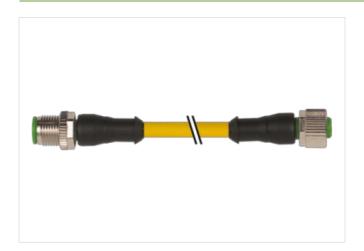
Plastic housings with good resistance against chemicals and oils.

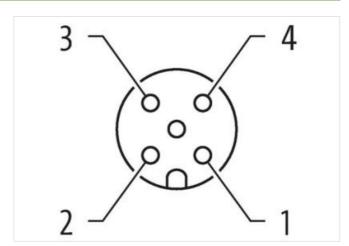
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

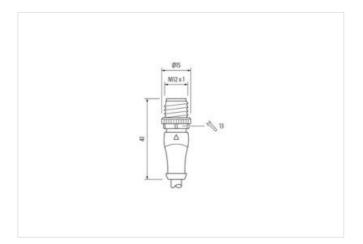
## **Link to Product**

## Illustration



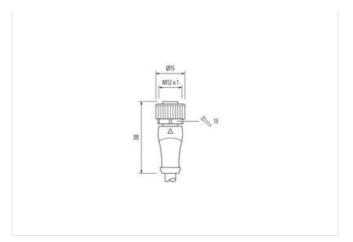


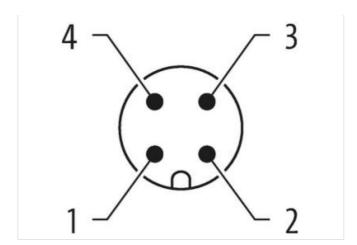






stay connected





Product may differ from Image



Cable length











Subio longin	• ••
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
Coding	A
Material	PUR
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
Coding	A
Material	PUR
Width across flats	SW13
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
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879185103



stay connected

Coating of fitting naterial Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Packaging unit	1
Operating voltage DC max. 259 V Operating voltage DC (UL-lated) 30 V  Mounting set M12 X I  Device protection   Electrical  Additional condition protection degree inserted, sorewed Pollution Degree 3 Selected surp voltage 2,5 kV Makerial group (EE-00064-1) I  Machanical data   Material data  Coating of litting nitwell plated Cooling naterial  Machanical data   Mounting data  Machanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Note on strain relief  Protect the connectors by suitlable measures from mechanical loads, e.g. by the usage of cable sites.  Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be entargreed by excessive bending forces.  Conformity  Product standard DIN EN 61076 2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue, white Cable destinication   Cable  wire arrangement brown, black, blue, white Cable destinication   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination	Electrical data   Supply	
Operating voltage DC max. 259 V Operating voltage DC (UL-lated) 30 V  Mounting set M12 X I  Device protection   Electrical  Additional condition protection degree inserted, sorewed Pollution Degree 3 Selected surp voltage 2,5 kV Makerial group (EE-00064-1) I  Machanical data   Material data  Coating of litting nitwell plated Cooling naterial  Machanical data   Mounting data  Machanical data   Mounting data  Mounting method Inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Note on strain relief  Protect the connectors by suitlable measures from mechanical loads, e.g. by the usage of cable sites.  Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be entargreed by excessive bending forces.  Conformity  Product standard DIN EN 61076 2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue, white Cable destinication   Cable  wire arrangement brown, black, blue, white Cable destinication   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination   Cable  Wire arrangement   Drown, black, blue, white Cable destination	Operating voltage AC max	250 V
Operating voltage AC (UL-isted) 30 V Courtent operating per contact max. 4 A Installation   Connection  Mounting set		
Operating voltage DC (UL-leised) 30 V  Courter loperating per contact max. 4 A A  Installation [Connection  Mounting set M12 x 1  Device protection [Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Read surper voltage 2,5 kV  Markerial group [IES 9696+1) 1  Machanical data   Material data  Coasting Inciding Nickeled Coasting of diting nickel plated Locking material was connection 2 nickel plated Locking material 2 nickel plated Locking material 2 nickel plated Locking material 3 nickel plated Locking material 4 nickel plated Locking material 4 nickel plated Locking material 5 nickel plated Locking material 6 nickel plated Locking material 8 nickel plated Locking material 7 nickel plated Locking material 8 nickel plated Locking material 9 nic		
Corrent operating per contact max.  Installation (Connection  Mil x 1  Device protection   Electrical  Additional condition protection degree  Additional condition protection degree  Additional condition protection degree  3 Reade surp voltage  3,5 NV  Material group (IEC 60664-1)  Mechanical data   Material data   Material data   Mickelerial Cooking and Cooking a		
Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Device protection   Electrical           Poblishing accordation protection degree         inserted, screwed           Poblishing accordation protection degree         inserted, screwed           Packed surge votinge         2,5 kW           Machanical data   Material data         Machanical data   Material data           Coasing of filting         nickel plated           Locking and filting         nickel plated           Locking material         Zinc de-casting           Machanical data   Mounting data         Machanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Circulate   Climatic           Environmental characteristics   Climatic         Common   Climatic           Operating lamperature min.         25 °C           Operating lamperature 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 tess.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be advangered by excessive bending forces. <td></td> <td>4 A</td>		4 A
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pallution Degree 3  Rated surge voltage 2.5 k V  Material group (IEC 60664.1) 1  Mechanical data   Material da		
Device protection   Electrical   Additional condition protection degree   inserted, screwed   Pollution Degree   3   Rated surge voltage   2.5 kV   Material group (IEC 60664-1)   I   Mechanical data   Martial data   Mechanical data   Martial data   Mechanical data   Martial data   Mechanical data   Martial data   Material screw connection   Zinc die-casting   Mechanical data   Mounting data   Muching method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature max.   25 °C   Additional condition temperature range   depending on cable quality   Important installation notes   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note on sharial relief   Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.   Note		M12 v 1
Additional condition protection degree Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60684-1) I Mechanical data   Material data Coating locking Coating of litting nickel plated Locking material Zinc die-casting Meterial grown comection Zinc die-casting Meterial grown comection Zinc die-casting Meterial screw comection Zinc die-casting Mechanical data   Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics   Climatio Operating temperature min. 25 °C Operating temperature max. 35 °C Additional condition temperature range Important installation notes  Volume 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 Divisibliation   Quit Cable identification   Quit Stranding   4 wires twisted wire arrangement   brown, black, blue, white Cable identification   Quit Ca		WILE A T
Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60684-1) I Mechanical data   Material data Coating looking Nickeled Coating of fitting nickel plated Locking material Zinc die casting Material screw connection Zinc die casting  Environmental Characteristics   Climatic Ciperating temperature max. 25 °C Additional condition temper		
Rated surys voltage   2,5 kV   Material group (TEC 80664-1)   1  Coating looking   Nickeled   Coating looking   nickel plated   Coating looking   nickel plated   Coating looking   Nickeled   Coperating temperature man   -25 °C   Coperating temperature min   -25 °C   Coperating temperature man   depending on cable quality   Important installation notes   Coating lemperature range   depending on cable quality   Important installation notes   Note on bending radius   Attention   Cobserve 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   Wire arrangement   brown, black, blue, white   Cable identification   Gale   Diffuse   Cable identification   Gale   Diffuse   Cable identification   Gale   Diffuse   Cable identification   Cable   Diffuse   Cable identification   Cable   Diffuse   Cable identification   Cable   Diffuse   Cable identification   Ca		
Material group (IEC 60064-1)  Mechanical data   Material data  Coating locking Nickoled  Coating locking nickel plated  Locking material Zinc dis-casting  Material screw connection Zinc dis-casting  Material screw connection Zinc dis-casting  Material screw connection  Mechanical data   Mounting 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  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  wire arrangement brown, black, blue, white  Cable identification 024  Cable Type 2  Lackac Color yellow  Type of Certificate CUPus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (gacket) 4,8 mm  Outer diameter (gacket) 4,5 mm  Outer diameter tolerance core insulation 4,25 mm		
Mechanical data   Material data         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature rang         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 fees.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanged for each standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Important installation   Cable   Cable identification   Q24           Cable identification   Q24         Q24           Cable identification   Q25         Q24           Cable identification   Q26         Q24           Cable identification   Q26         Q24           Cable identification   Q27         Q24           Cable identification   Q28         Q25 <t< td=""><td></td><td>•</td></t<>		•
Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Metarial screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Properating temperature min.         25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.           Note on 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         Diversity of the permissibile bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Collect Color         DIN EN 61076-2-101 (M12)           Installation   Cable         Diversity of the permissibile bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable ident	Material group (IEC 60664-1)	l .
Coating of fitting naterial Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Mechanical data   Material data	
Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  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 permissibile 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  wire arrangement brown, black, blue, white  Cable identification 024  Cable identification 024  Cable (Prype 2  Jacket Cofor yellow  Type of Certificate current brown, black, blue, white  Cable wire arrangement brown, black, blue, white  Cable weight 42,88 g/m  Material jacket PUR  Shore hardness jacket 9UR  Material wire insulation PVC  Amount wires 4  Outer diameter (sheath) 5 %  Material wire insulation 1,25 mm  Outer diameter tolerance ocre insulation 1,25 mm  Outer diameter tolerance ocre insulation 1,25 mm	Coating locking	Nickeled
Mechaical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.	Coating of fitting	nickel plated
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature max 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 wire arrangement brown, black, blue, white Cable identification 024 Cable 7ype 2 2 Jacket Color yellow Type of Certificate culture Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable wire arrangement brown, black, blue, white Cable wire arrangement brown, black, blue, white Cable wight 42,88 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (facket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (facket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires  40 Outer diameter insulation 1,25 mm Outer diameter folerance core insulation 1,25 mm	Locking material	<u>-</u>
Mounting method inserted, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Material screw connection	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 wire arrangement brown, black, blue, white Cable identification 024 Cable Type 2 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 42,68 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) PVC Amount wires 4 Amount sires 4 Couter diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,55 mm Outer diameter tolerance core insulation 1,55 mm	Mechanical data   Mounting data	
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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  wire arrangement brown, black, blue, white Cable identification 024  Cable identification 024  Cable identificate current current current 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  wire arrangement brown, black, blue, white Cable identification 024  Cable identification 024  Cable identification 024  Cable with stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable weigh 42,68 g/m  Material jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 1,5 mm	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.  Atention: 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  wire arrangement brown, black, blue, white  Cable identification 024  Cable identification 024  Cable Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Operating temperature min.	-25 °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  wire arrangement brown, black, blue, white  Cable identification 024  Cable IType 2  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %	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  wire arrangement brown, black, blue, white  Cable Identification 024  Cable Identification 024  Cable Type 2  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement brown, black, blue, white  Cable weight 42,68 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) 4,6 mm  Tolerance outer diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 45 5 mm  Outer diameter tolerance core insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	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  wire arrangement brown, black, blue, white  Cable Identification 024  Cable IType 2  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %  Outer diameter tolerance core insulation ± 5 %	Important installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue, white Cable identification 024  Cable Type 2  Jacket Color yellow Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable weigth 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	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           wire arrangement         brown, black, blue, white           Cable identification         024           Cable Type         2           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         42,68 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
wire arrangement brown, black, blue, white Cable identification 024 Cable Type 2 Jacket Color yellow Type of Cartificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 42,68 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Conformity	
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Cable identification         024           Cable Type         2           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         42,68 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		harring bleet, blue white
Cable Type         2           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         42,68 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         4,6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		
Jacket Color yellow Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted wire arrangement brown, black, blue, white  Cable weigth 42,68 g/m  Material jacket PUR  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,6 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %		
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Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)  4,6 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PVC  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  ± 5 %	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,6 mm
Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %	Amount wires	4
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 43 ± 5 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	43 ± 5 Shore D

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



Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C