

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

PVC 4x0.34 ye UL/CSA 3m

Male straight – female straight M12 – M12, 4-pole 2× LED (PNP), (NPN) on request

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

Plastic housings with good resistance against chemicals and oils.

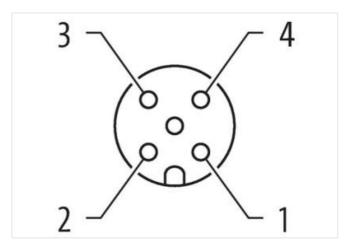
The resistance to aggressive media should be individually tested for your application. Further details on request.

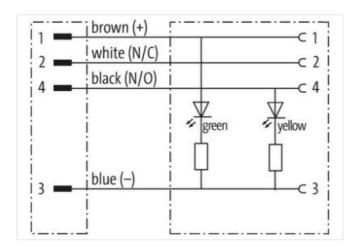
Further cable lengths on request.

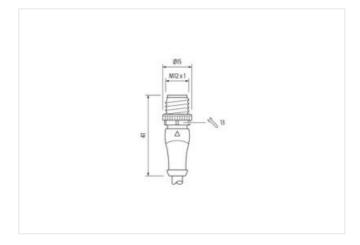
## **Link to Product**

## Illustration





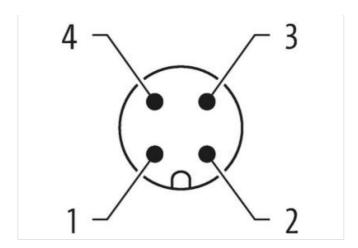






stay connected





Product may differ from Image











Cable length	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
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-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	4048879439992
Packaging unit	1



stay connected

Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Operating voltage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation [Connection         Will 2 X 1           Device protection [Electrical         Will 2 X 1           Addicional condition protection degree         3 S           Related surp voltage         0.8 kV           Mechanical data   Material data         X           Mechanical data   Material data         X           Coating belong   Miletand         X           Coating belong   Miletand         X           Coating of Hilling   micet plated         X           Lowing material   Material data   Materia		
Operating voltage DC min.         18 V           Operating voltage DC min.         30 V           Operating voltage DC min.         4 A           Outreet operating per contact max.         4 A           Diagnostics         Status indication LED           Installation   Commercion         M12 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         installation   Commercion           Pollution Degree         3           Related surge voltage         0.8 kV           Molernal group (IC 00064+1)         1           Molernal group (IC 00064+1)         2           Coating (IC 00064+1)         2           Melernal group (IC 00064+1)         2	Electrical data   Supply	
Operating voltage DC max.         39 V           Operating voltage DC max. (UL-steet)         30 V           Operating voltage DC max. (UL-steet)         30 V           Operating voltage DC max. (UL-steet)         4 A           Diagnostics         Status indication LED           Installation [Connection         Week Projection [Plectrical           Mounting set         M12 x 1           Device protection [Plectrical         Projection protection degree           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Malerial group (IEC 60064-1)         I           Mechanical data [Misterial attack)         Contain [cocking amerial           Coating of lifting         Incide feating           Mechanical data [Mounting atta         Zinc die-casting           Mechanical data [Mounting data         Musical placed           Mustring method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         25 °C           Operating temperature max.         85 °G           Additional condition temperature range         depending on eable quality           Conformity<	Operating voltage DC	24 V
Operating proteining per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mutually and a condition protection degree Additional condition protection degree Additional condition protection degree  Additional condition protection degree  Additional condition protection degree  Additional condition protection degree  Salaed stays voltage  Additional condition protection degree  Salaed stays voltage  Additional condition protection degree  Salaed stays voltage  Additional data   Material data  Material group (IEC 50564+1)  I  Machanical data   Material data   Material data  Coating to fitting  Locking material  Lo	Operating voltage DC min.	18 V
Disposition		
Diagnostics           Status indication LED         groen, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         10 served, screwed           Pollution Degree         3           Rated surge voltage         0.8 k V           Machinal of Joseph (EC 60064-1)         1           Mechanical data   Material data         V           Coating oldring         Nickeled           Coating oldring         nickel pated           Coating of Affining         nickel pated           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         25 °C           Operating temperature min.         85 °C           Additional condition temperature range         depending on cable quality           Cortical Collection (Cable Veget)         10 °C           Coalle (senfication (Cable Veget)         10 °C           Cable (senfication (Cable Veget) <td></td> <td>30 V</td>		30 V
Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raried surge voltage         0.8 kW           Material group (EIC 60664-1)         1           Mechanical data   Material data         Inches   Material data   Material data           Coating of fitting         inckel plated           Coating of fitting         inckel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Michanical data   Mounting data           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Size of Coating of Coating   C	Current operating per contact max.	4 A
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raladed surge voltage         0.8 kV           Mechanical data   Material data         Intercent of the protection of the planted of the pl	Diagnostics	
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated suges voltage         0.8 kV           Machanical data   Material data         Wechanical data   Material data           Coating locking         Nickeled           Coating of lifting         nickel plated           Locking material         Zno die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C         Conditional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)         Institution   Cable           Cable in Type         1         Institution   Cable   C	Status indication LED	green, yellow
Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         0,8 kV           Rated surge voltage         0,8 kV           Machanical data   Material data         Image: Control of thing an incise   plated           Coating locking         Nickeled           Coating of fitting         incise   plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Image: Control of the plate   Control of	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Baded surge voltage 0,8 kV  Material group (IEC 60664.1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Diperating temperature man. 25 °C Operating temperature man. 35 °C Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 81076-2-101 (M12)  Installation   Cable  Cable identification 014  Cable Type 1  Lacked Color yellow  Type of Certificate cURsus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable wight 40,7 g/m  Allacted   Shore N  Freedom from ingredients (acket)   Beat-free, cadmium-free, CFC-free, silicone-free  Outer diameter (saleatin) 45 °S Nore D  Material properties were insulation 45 ± S Shore D  Material properties were insulation 45 ± S Shore D  Material properties were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 45 ± S Shore D  Material properties were insulation 45 ± S Shore D  Material properties were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free  Amount strands were insulation 10 cleaf-free, cadmium-free, CFC-free, silicone-free	Mounting set	M12 x 1
Pollution Degree         3           Rated surge voltage         0,8 k/V           Macteral group (IEC 60664-1)         1           Mechanical data   Material data         I           Coating Doksing         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Sinc die-casting           Additional condition temperature max         25 °C           Additional condition temperature max         25 °C           Additional condition temperature max         25 °C           Cabier Sport         DIN EN 61076-2-101 (M12)           Installation   Cabie         Ca	Device protection   Electrical	
Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         V           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Product slandard         DIN EN 61076-2-101 (M12)           Installation   Cable         Din EN 61076-2-101 (M12)           Installation   Cable         1           Cable intification         014           Cable intification         014           Cable intification         014           Type of Certificate         cURUs           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weight         40,7 g/m           Material jacket         PVC           Shore Arriness jacket	Additional condition protection degree	inserted, screwed
Meterial group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Coating forking         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical characteristics   Climatic         Control method           Environmental characteristics   Climatic         Departing temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         014           Cable identification         014         Quality (Marching and American anotation and American and American and American and American and A	Pollution Degree	3
Mechanical data   Material data         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Meterial screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         DIN EN 61076-2-101 (M12)           Installation   Cable         Standard           Cable identification         014           Cable identification   Cable         Usus           Cable identification   Cable         Usus           Cable identification   Cable         Usus           Cable identification   Captificate         Usus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weight         40,7 g/m           Material jacket         PVC           Shore Arrivess jacket         85 ± 5 Shore A	Rated surge voltage	0,8 kV
Coating locking         Nickelled           Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Control           Environmental characteristics   Climatic         Control           Operating temperature min.         -25 °C           Operating temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         014           Cable identification         014         Cable identification         014           Cable Type         1         1         1           Stranding         4 wires twisted         1         1         1           Vape of Carlificate         CURus         1         2<	Material group (IEC 60664-1)	
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Coating of fitting nickel plated 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 max85 °C  Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable Cable identification U14  Jacket Color yellow Type of Conficate cURus  Amount stranding 1  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white Cable weigh 40,7 g/m  Shore hardness jacket PVC  Shore hardness jacket PVC  Shore hardness jacket 9 FVC  Shore in mingredients (jacket) 1.25 mm  Outer diameter (jacket) 5 mm  Tolerance outer diameter (jacket) 1.25 mm  Outer diameter (jacket) 4.5 mm  Outer diameter (jacket) 1.25 mm  Outer diameter loterance core insulation 45 ± 5 Shore D  Material properties wire insulation 1.25 mm  Outer diameter loterance core insulation 1.25 mm  Outer diameter tolerance core insulation 1.25 mm  Outer diameter insulation 1.25 mm  Outer diameter insulation 1.25 mm  Material properties wire insulation 1.26 mc  Material properties wire insulation 1.25 mm  Outer diameters wire insulation 1.25 mm  Outer diameter situation 1.25 mm  Outer diameters wire insulation 1.25 mm  Material properties wire insulation 1.26 mc  Material properties wire insulation 1.26 mc  Outer diameter insulation 1.25 mm  Outer diameter situation 1.25 mm  Outer diameters wire insulation 1.26 mc  Outer diameters wire insulation 1.26 mm  Outer diameters wire insulation 1.26 mm  Outer diameters wire insulation 1.26 mc  Outer diameters wire insulation 1.26 mm  Outer diameters wire	Coating locking	Nickeled
Locking material         Zinc die-casting           Material screw connection         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           Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Conformity           Cable identification         014         Control of the conformity           Type of Certificate         cURsus           Amount stranding         1         Stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigh         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± S Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         45 ± 5 Shore D	Coating of fitting	
Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing temperature min.         -25 °C           Operating temperature many.         85 °C           Additional condition temperature range         depending on cable quality           Contemity         Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         Cable identification         014           Cable identification         014         Cable identification           Cable identification         vire of certificate         Culrus           Stranding         4 wires twisted           Wire arrangement         brown, black, blue, white           Cable weighth         40.7 g/m           Material picket         P		Zinc die-casting
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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           Conformity         Product standard         DIN En 61076-2-101 (M12)           Installation   Cable         Contentic         Contentic           Cable identification         014         Cable identification         014           Cable Type         1         Jacket Color         yellow           Type of Certificate         cURus         CURUS           Amount stranding         1         Stranding         4 wires trivisted           Wrie arrangement         brown, black, blue, white         Cable weigh         40,7 g/m           Material jacket         PVC         Shore Arrieness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         85 ± 5 Shore A         Freedom from ingredients (jacket)         5 mm           Tolerance outer diameter (jacket)         5 mm         5 mm           Tolerance outer diameter (jacket)         5 %           Material properties wire insulation         1,25 mm           Outer diameter insulation         1,2	Mechanical data   Mounting data	
Environmental characteristics   Climatic  Operating temperature min.		inserted, screwed. Shaking protection
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         014           Cable identification         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material were insulation         1,25 mm           Outer diameter insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           ingredient fre		
Operating temperature max.  Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 014  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 40,7 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (slacket) ± 5 %  Material wire insulation 1,25 mm  Outer diameter rolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19	·	25.0℃
Additional condition temperature range depending on cable quality  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 014  Cable Type 1  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weight 40,7 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (sacket) 5 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 45 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19	· · · ·	
Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         014           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         65 ± 5 Shore A           Teredom from ingredients (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,25 mm           Outer diameter insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free	<u> </u>	
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         014           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         5 mm           Outer-diameter (jacket)         5 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 insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19		deponding on dubic quality
Installation   Cable           Cable identification         014           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19		DINI FNI 61076 0 101 (M10)
Cable identification         014           Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         45 ± 5 Shore D           Shore hardness wire insulation         45 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19		DIN EN 610/6-2-101 (M12)
Cable Type         1           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 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 wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19	·	
Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 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 wire insulation         45 ± 5 Shore D           Material properties wire insulation         45 ± 5 Shore D           Material properties wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19		
Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 40,7 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19		
Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white           Cable weigth         40,7 g/m           Material jacket         PVC           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5 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 wire insulation         45 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19		·
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  5 mm  Tolerance outer diameter (sheath)  45 %  Material wire insulation  PVC  Amount wires  4  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  45 ± 5 Shore D  Material properties wire insulation  good machinability  Ingredient freeness wire insulation  Amount strands (wire)  19	· · · · · · · · · · · · · · · · · · ·	
Outer-diameter (jacket) 5 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 wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19		
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 wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19	<u> </u>	
Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19		
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Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Amount strands (wire) 19		
Amount strands (wire) 19		
	Amount strands (wire)	
	Diameter of single wires	

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: 2024-04-24



Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 1100 FT2   UL 1581 § 1090   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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter