

## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 ye UL/CSA+drag ch. 5m

Male straight – female 90° M8 – M12, 3-pole M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

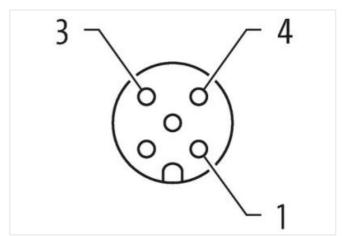
Plastic housings with good resistance against chemicals and oils.

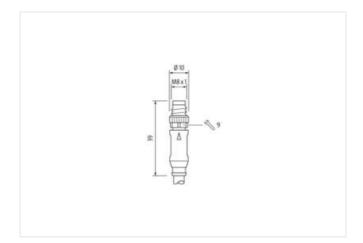
The resistance to aggressive media should be individually tested for your application. Further details on request.

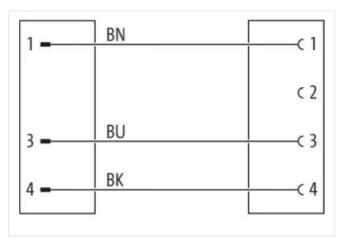
## **Link to Product**

## Illustration



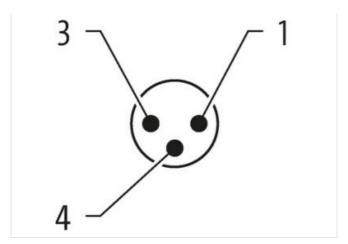


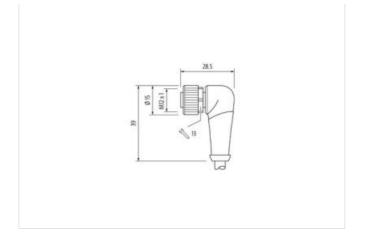






stay connected





Product may differ from Image











Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
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



stay connected

Control Cont	ETIM-5.0	EC001855
GTIN         4048879133228           Packaging unt         1           Electrical data (Suppty           Operating voltage AC max         50 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Diagnostics         Status indication LED         no           Device procision [Electrical         Device procision [Electrical           Degree of protection (EN IEC 00529)         IP95, IP97, IP98, IP98K           Additional condition protection digree         reserved           Pollution Degree         3           Raded surge voltage         1,5 kV           Machinal group (IEC 00064-1)         I           Machinal group (IEC 00064-1)         I           Machinal group (IEC 00064-1)         I           Machinal properties (IEC 00064-1)         I           Machinal probabilis (IEC 00064-1)         I           Mounti		
Packaging unit		
Pereinting voltage AC max.		
Operating voltage AC max.         50 V           Operating voltage DC max.         60 V           Operating voltage AC (UL island)         30 V           Operating voltage DC (UL-island)         30 V           Control operating per contact max.         4 A           Diagnostics           Diagnostics           Diagnostics           Device protection (EN IEC 60529)           Device protection (EN IEC 60529)         IP68, IP67, IP68, IP68K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Pollution Degree         1,5 K V           Malerial group (IEC 606641)         1           Website of Malerial Gata IMerial data IMe		1
Circuming variage DC max	Electrical data   Supply	
Operating voltage PC (UI-listed)         30 V           Oursent operating per contact max.         4 A           Diagnostics         Status indication LED         no           Degree of protection (ENIEC 80529)         IP65, IP67, IP68, IP60K         Additional condition protection degree           Degree of protection (ENIEC 80529)         IP65, IP67, IP68, IP60K         Additional condition protection degree           Additional condition protection degree         3         Rated surge voltage         1.5 KV           Material group (EC 80684+1)         I         III.         Mechanical data Material data         III.           Coating Looking         Nickeled         III.         III.         Mechanical data Material packet         FVM           Material packet         FVM         III.         Mechanical data Material packet         FVM           Mechanical data Material packet         FVM         III.         III.           Mechanical data Mounting data         Initiation Caterial         III.         III.           Environmental Characteristics (Climatic         Degree of Climatic         III.         III. <td></td> <td>50 V</td>		50 V
Operating voltage DG (UL-listed)         30 V           Current operating per contact max.         4 A           Disponative         ************************************		
Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Device protection [Electrical         Degree of protection (EN IEC 66529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3         Reled surge vollage           Material group (IEC 606841)         1         Mechanical data [Material data           Mechanical data [Material data         Costing looking         Nickled           Material gasket         FKM         Material flowing data           Mechanical data [Mounting data         Zinc die-easting         Mechanical data [Mounting data           Mechanical data perperature max.         25 °C         Additional condition temperature max.         25 °C           Controlly         Product standard         DIN En 61076-2-101 (M12), DIN En 61076-2-114 (M8)         Installation Gable           Cable identification         030         Cable identification         03           Cable identification         030         Cable identification         03          Cable identification         03         Cable identification </td <td></td> <td></td>		
Diagnostics         Situs in floation LED         no           Device protection [Electrica]         Position protection (EN IEC 60529)         IP65, IP67, IP68, IP68K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Mickeled           Material possition         PKM           Material possition         PKM           Material possition         PWR           Locking material         Zun discussing           Mechanical Material Mounting data         Vincensition of Control (Control of Control of Cont		
Status indication LED         no           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67, IP68, IP60K           Additional condition protection degree         isasted, screwed           Pollution Dagnee         3           Rated surge voltage         1,5 kV           Macterial group (IEC 80684+1)         1           Mechanical data   Material data           Coating looking         Nickeled           Material plassel         FKM           Material plassel         FKM           Material plassel         FKM           Mechanical data   Mounting data         2 mc die-casting           Mechanical data   Mounting data         2 mc die-casting           Mechanical data   Mounting data           Environmental characteristics   Climatic           Environmental characteristics   Climatic         Control           Environmental characteristics   Climatic         Deparating temperature max         85 °C           Additional condition temperature range         depending on cable quality           Control         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Gable         Gable identification         Gable identification           Cable identification <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Degree of protection   Electrical  Degree of protection (EN EC 60829)   IP65, IP67, IP68, IP66K Additional condition protection degree   Inearted, screwed  Pollution Degree 3 3 Rated surge vallage   1,5 kV  Material group (IEC 60864-1)   I  Mechanical data   Meterial data  Coating locking   Nickeled   Material gasket   FKM  Material housing   PUR  Locking material   Zinc die-casting   Mechanical data   Mounting data   Mounting method   Inearted, screwed, Shaking protection   Environmental characteristics   Climatic   Coperating temperature min.   -25 °C   Operating temperature min.   455 °C   Operating temperature range   depending on cable quality   Conformity  Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   Installation   Cable   Cable information   3 3   Jacket Cotor   yellow   Type of Certificate   URus   Amount stranding   1   Stranding   3 wires twisted   wire arrangement   brown, black, blue   No. of bending cycles (C-track)   10 Mc, 25 °C   Cable weight   26,4 g/m   Material picket   PUR   Shore hardness jacket   PUR   Forecount of the minute of the picket   Colled diameter (jacket)   4,1 mm   Tolerance outer diameter (jacket)   15 %   Material wire insulation   1,25 mm   Outer diameter tolerance ocre insulation   1,25 mm	Diagnostics	
Degree of protection (EN IEC 60529)         IP65, IP67, IP68, IP66K           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data I finarial data         Nickeled           Material pasket         FKM           Material pasket         FKM           Mechanical data I flounting data         PUR           Locking material         Zinc die-casting           Mechanical data I flounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Contomity         Product standard           Installation   Cable         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Signature of the product of the product standard           Cable interfaction         030           Cable interfaction         030           Cable interfaction         040           Cable interfaction         040           Cable interfaction         040	Status indication LED	no
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         I           Mechanical data (Material data           Costing locking         Nickeled           Material pasket         FKM           Material housing         PUR           Locking material         Zon die-asting           Mechanical data (Mounting data)           Mechanical data (Mounting data)           Mechanical data (Mounting data)           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), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         030           Cable identification         030           Cable identification         030           Cable identification         0 identification           No cit bending cycles (Color         yellow	Device protection   Electrical	
Follution Degree         3           Rated surge voitage         1,5 kV           Material group (E5 60684-1)         1           Mechanical data   Material data         Coating locking         Nickeled           Material gasket         FKM           Material gasket         FKM           Mochanical data   Mounting permanent         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting method           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 81076-2-101 (M12), DIN EN 81076-2-114 (M8)         Installation   Cable           Cable identification         030         Gable identification   Cable         Cable identification   Cable           Cable of Cofor         yellow         Yellow         Yellow         Yellow           Type of Certificate         cUFus         Cufus         Yellow         Y	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Rate of surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material date         I           Coating locking         Nickeled           Material gasket         FKM           Material housing         PUR           Locking material         Zon die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Concentral group reading and protection           Environmental characteristics   Climatic         S ° C           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), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         30           Cable identification         930         3           Cable identification         930         3           Jacket Color         yellow           Type of Certificate         UFUs           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Material pasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Footourity         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable dentification         30           Cable intertification         30         3           Zable to Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3           view arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Soble weight         26.4 g/m           Material jacket         PUR           Shore hardness jacke	Pollution Degree	3
Mechanical data   Material data         Nickeled           Material gasket         FKM           Material pasket         PKM           Material possing         PUR           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           Conformity         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         030           Cable of Type         3           Jacket Color         yellow           Type of Certificate         cuPrus           Amount stranding         1           Stranding         1           Stranding         1           No. of bending cycles (C-track)         10 Mio @ 25 °C           Cable weight         26.4 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A <tr< td=""><td>Rated surge voltage</td><td>1,5 kV</td></tr<>	Rated surge voltage	1,5 kV
Coating locking         Nickeled           Material pasket         FKM           Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing 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), DIN EN 61076-2-114 (M8)           Installation   Cable         Stable identification         030           Cable identification         030         3           Cable Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. 25 °C           Cable weigh         26.4 p/m           Material jacket         PUR           Shore A         Freedom from ingredients (jacket)         9.4 f mm           Tolerance outer diameter (sheath)         4.5 mm	Material group (IEC 60664-1)	I
Material gasket         FKM           Material housing         PUR           Locking material         Zor die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         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), DIN EN 61076-2-114 (M8)           Installation   Cable         Ossail Cable (dentification)         Ossail Cable (dentification)           Cable identification         030         Ossail Cable (dentification)	Mechanical data   Material data	
Material gasket         FKM           Material housing         PUR           Locking material         Zor die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         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), DIN EN 61076-2-114 (M8)           Installation   Cable         Ossail Cable (dentification)         Ossail Cable (dentification)           Cable identification         030         Ossail Cable (dentification)	Coating locking	Nickeled
Material housing         PUR           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comperating 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), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         030           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C		FKM
Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         33           Zable to Expe         3         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         26,4 g/m           Material jacket         PUR           Shore hardness jacket         9 ± 5 Shore A           Freedom from imgredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,1 mm           Tolerance outer diameter (shealth)         ± 5 %           M		PUR
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           Conformity         Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         Cable identification         030           Cable identification         030           Cable (Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           Wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 g/m           Material jacket         PUR           Shore hardness jacket         PUR           Shore hardness jacket         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4.1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,25 mm		Zinc die-casting
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         The Not 1076-2-101 (M12), DIN EN 61076-2-114 (M8)           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable         The Not 1076-2-114 (M8)           Cable identification         30           Cable identification         30           Cable (John Michael Carlon)         yellow           Type of Certificate         URus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26.4 g/m           Material jacket         9u ± Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         p.25 mm      <		
Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) Installation   Cable Cable Identification 030 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable Weight 26.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %		inserted, screwed, Shaking protection
Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Conformity Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable Cable identification 030 Cable Type 3 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weight 26,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire line late of the color and the color an	-	
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         030           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 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)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter tolerance core insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %	·	
Additional condition temperature range depending on cable quality  Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 030  Cable Type 3  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Shore hardness jacket) PUR  Shore color yellow  10 Mio. @ 25 °C  Cable weigth 90 ± 5 Shore A  Freedom from ingredients (jacket) 1,1 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Additional condition temperature range depending on cable quality  depending on cable quality  depending on cable quality  depending on cable quality  DIN EN 61076-2-114 (M8)  BIN EN 61076-2-114 (M8)		
Conformity           Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         030           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 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)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		
Product standard         DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)           Installation   Cable           Cable identification         030           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         28,4 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)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		
Installation   Cable           Cable identification         030           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 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)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		DIN EN 61076-2-101 (M12) DIN EN 61076-2-114 (M8)
Cable identification         030           Cable Type         3           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         26,4 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)         4,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         3           Outer diameter insulation         1,25 mm           Outer diameter tolerance core insulation         ± 5 %		DIN LN 01070-2-101 (N12), DIN LN 01070-2-114 (NIO)
Cable Type       3         Jacket Color       yellow         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       brown, black, blue         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       26,4 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)       4,1 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       3         Outer diameter insulation       1,25 mm         Outer diameter tolerance core insulation       ± 5 %	Installation   Cable	
Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 26,4 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) 4,1 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Cable identification	030
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 26,4 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) 4,1 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %		
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 26,4 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) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %		
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Freedom from ingredients (jacket)  Outer-diameter (jacket)  A,1 mm  Tolerance outer diameter (sheath)  E 5 %  Material wire insulation  PP  Amount wires  3  Outer diameter insulation  1,25 mm  Outer diameter tolerance core insulation  ± 5 %		
Outer-diameter (jacket) 4,1 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Shore hardness jacket	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	4,1 mm
Amount wires 3  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	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 70 ± 5 Shore D	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	70 ± 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: 2024-04-24



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m