

## Y-Distributor M8 male / M8 female 0° A-cod.

PVC 3x0.25 gy UL/CSA 5m

Y-connector M8 – M8, 4/3-pole Male straight – females straight

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

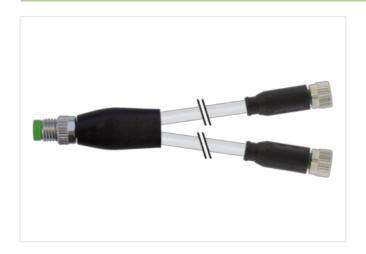
Plastic housings with good resistance against chemicals and oils.

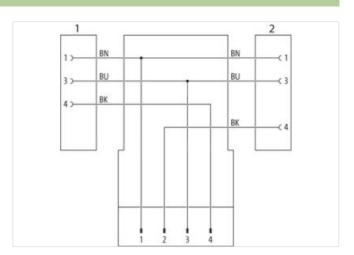
The resistance to aggressive media should be individually tested for your application. Further details on request.

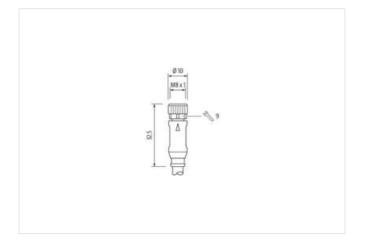
Further cable lengths on request.

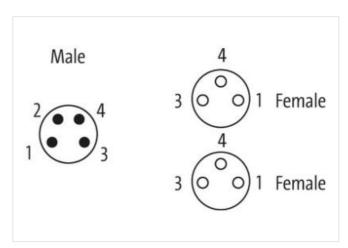
## **Link to Product**

## Illustration

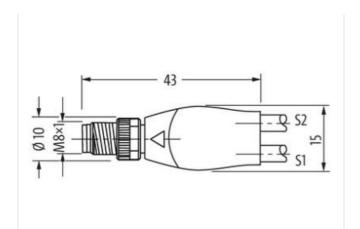












Product may differ from Image



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 Ø)	6,5 mm
Material contact	Copper alloy
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Thread	M8 x 1
Side 3	
Mounting method	inserted, screwed
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879654500
Packaging unit	1
Electrical data   Supply	



stay connected

Operating voltage DC max.         60 V           Operating voltage AC (UL-listed)         30 V           Outrent operating per contact max.         4 A           Degree of protection (EM IEC 60529)         IP65, P67, IP68, IP68K           Additional condition protection degree         18 P67, IP68, IP68K           Additional condition protection degree         3           Rated sure voltage         1,5 kV           Meterial group (IEC 60641)         1           Michanical datal Material datal Material datal Material datal Material grasser         FKM           Meterial grasser coating         nickel plated           Locking server coating         nickel plated           Material gasker         FKM           Meterial gasker         FKM           Meterial pasker         FKM           Mounting method         Brass           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Operating temperature min.           Operating temperature min.         25 °C           Operating temperature min.         45 °C	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Divice protection [Electrical]         Volument operating per contact max.           Device protection (EN ICE GOSS)         IPSS, IPST, IPBB, IPPGK           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Radia surge voltage         1,5 kV           Malerial grow (ICE GOSS+1)         1           Conting locking not         nickle plated           Michanical data   Marterial data   Marter	· · · · ·	
Operating per contact max.         4 A           Device protection (EN IEC 08029)         PDS, IPPS,		
Current operating per contact max.  Pervice protection (Petrictios)  Devices or protection (Petrictios)  Degree of protection (Petrictios)  September of Petrictios (Petrictios)  Septem		
Decide protection   Electrical         Image: Post protection   Electrical (EN IEC 80529)         Image: Post protection   Electrical (EN IEC 80529)           Additional protection degree         inserted, screwed           Pollution Degree         3           Rated surpe voltage         1,5 kV           Machanical distal   Material distal         Image: Pollution   Electrical distal   Material distal           Locking screw coaling         nickel plated           Locking screw coaling         PUB           Locking and unrealized         Zinc dis castling           Locking material stories         Pistal           Material plate and the Information         PUB           Locking material stories         Broas           Machanical data   Mounting data         Jinc dis castling           Locking material stories         Broas           Machanical data   Mounting data         Jinc dis castling           Locking material stories         Broas           Mounting method         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.           Note on strain relief         Protect the connectors by suitable measures from mechani		
Degree of protection (EN IEC 60529) IPSS, IPSG,		
Additional condition protection degree   inserted, screwed   Pollution Degree   3   3   3   Raided surger voltage   1,5 kV   Reterial group (EC 60664-1)   1   Rechanical data [Material data   Material data	•	
Pollution Degree 3 Rated surpe voltage 1,5 kW Material group [LEC 60664-1)   I  Mechanical data   Material data Coating locking nut nickel platted Locking serve worsting nickel platted Material gasket FKM Material gasket FKM Material possible platted   Zimc die casting   Locking naterial sorew Brass Mounting material zorew Brass Mechanical data   Mounting data Mechanical standard Mechanical standard District   Mounting data		
Rated surge voltage 1,5 kV Material group (EC 60664-1) I  Coating locking nut nickel plated 1,5 kW Machanical data   Machanical data   Machanical data   FKM   Material passet FKM   Material data   FKM   Material passet FKM   Material data   FKM   Material passet FKM   Material data   Machanical data   Mounting data   Mounting method   Inserted, screwed, Shaking protection   Mounting temperature max,   85 °C   Operating temperature max,   85 °C   Operating temperature max,   85 °C   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 ites.   Note on barding radius   Attention: Coasene the permissible bending forces.  Conformity   Product standard   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Note on barding radius   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Note on barding radius   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Note on barding radius   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Note on strain radius   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage	<u> </u>	· · · · · · · · · · · · · · · · · · ·
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Mechanical data   Material data   Moterial d		·
Costing locking nut incised plated incised incised plated incised inc		
Locking screw coating nickel plated  Material pasket FKM  Material possing PUR  Locking nut material zorew Brass  Mechanical data   Mounting data  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Poperating temperature min. 25 °C  Operating temperature man. 35 °C  Additional condition temperature range depending on cable quality  Important installation notes  Vote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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 61076-2-114 (M8)  Installation   Cable  Loadie identification   210  Cable identification   210  Cable identification   210  Cable identification   3 wires twisted  wire arrangement URB   29,37 gm  Material placket   59,37 gm  Material placket   59,47 gm  Material placket   59,5 Shore A  Freedom from ingredents (jacket)   4,5 mm  Tolerance outer diameter (jacket)   4,5 mm  Auterial wire insulation   PVC  Annount wires   3  Outer diameter insulation   45 ± 5 Shore D  Material properties wire insulation   1,25 mm  Outer diameter tolerance core insulation   1,25 mm  Outer diameter tolerance core insulation   1,25 mm  Duriedient freeness wire insulation   1,26 mm  Duriedient freeness wire ins	Mechanical data   Material data	
Material gasket FKM Material housing PUR Locking material screw Brass  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.  Afternition: 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 61076-2-114 (M8)  Installation   Cable  Cable Type 1  Jacket Color gray  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weight 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) teach free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 1,25 mm  Outer diameter risolation 9 pood machinability  Ingredient freeness wire insulation 9 good machinability  Ingredient freeness wire insulation 1,26 mm	Coating locking nut	nickel plated
Material housing PUR Locking nut material zerew Brass  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating temperature min 25 °C Operating temperature min 25 °C Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable   Cable identification   210 Cable Type 1 Layeard Coffer gray  Type of Certificate cluster c	Locking screw coating	nickel plated
Locking nut material Screw Brass  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature and 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 Dink 16 1676-2-114 (M8)  Installation   Cable    Cable identification   210  Cable Type 1  Alexet Color gray  Type of Certificate CURus  Anount stranding 1  Stranding 3 wires twisted  Anount stranding 1  Stranding 3 wires twisted  Anount prandient   29.37 g/m  Material picket   50 from A  Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)   45 mm  Tolerance outer diameter (sheath)   5 %  Shore hardness wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D  Material properties wire insulation   45 ± 5 Shore D	Material gasket	FKM
Mechaical data   Mounting data   Mounting data   Mounting method   Inserted, screwed, Shaking protection   Mounting method   Inserted, screwed, Shaking protection   Mounting method   Mounting	Material housing	PUR
Mechanical data   Mounting data  Mounting method inserted, screwed. Shaking protection  Environmental characteristics   Climatic Operating temperature min. 25 °C Operating temperature man. 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.  Contomity  Product standard DIN EN 61076-2-114 (M8) Installation   Cable Cable identification   210 Cable distribution   210 Cable of Type   1 Jacket Color gray Type of Certificate culture   1 Type of Certificate   29,37 g/m Material jacket   50 yc.  By Contom, between   29,37 g/m Material jacket   9VC Shore hardness jacket   85 ± 5 Shore A Freedom from ingredients (jacket)   4,5 mm Tolerance outer diameter (sheath)   ± 5 % Material wire insulation   1,25 mm Outer diameter insulation   45 ± 5 Shore D Material predients insulation   45 ± 5 Shore D Material predients wire insulation   645 ± 5 Shore D Material predients wire insulation   645 ± 5 Shore D Material predients wire insulation   645 ± 5 Shore D	Locking nut material	Zinc die-casting
Mounting method inserted, Screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Locking material screw	Brass
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 61076-2-114 (M8) Installation   Cable Cable identification 210 Cable IPype 1 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,37 g/m Material jacket PVC Shore hardness jacket PVC Shore hardness jacket PVC Readom in ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D	Mechanical data   Mounting data	
Operating temperature min. 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 61076-2-114 (M8)  Installation   Cable  Cable identification 210  Cable Type 1  1 1  3 Locket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  Cable weigh 29,37 g/m  Material jacket PVC  Shore hardness jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 1,25 mm  Outer diameter insulation 4,5 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D  Material properties wire insulation 45 ± 5 sore D	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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 61076-2-114 (M8) Installation   Cable  Cable identification 210 Cable identification 210 Cable identification 210 Cable of Certificate cURus  Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,37 g/m  Material jacket Nore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation 1,25 mm  Outer diameter louerance core insulation 45 ± 5 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	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.  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 61076-2-114 (M8)  Installation   Cable  Cable identification 210  Cable identification 210  Cable Identification 31  Stranding 11  Stranding 11  Stranding 11  Stranding 12  Stranding 12  Stranding 13  Stranding 14  Material jacket PVC  Shore hardness jacket PVC  Shore hardness jacket 18  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Material wire insulation 125 mm  Outer diameter (leaket) 1,5 mm  Outer diameter insulation 1,25 mm  Outer diameter tolerance core insulation 45 ± 5 % Droe D  Material properties wire insulation 45 ± 5 5 bore D  Material properties wire insulation 45 ± 5 5 bore D  Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Material properties wire insulation 45 ± 5 % Droe D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	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.           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 61076-2-114 (M8)           Installation   Cable           Cable identification         210           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weight         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wrie insulation         1,25 mm           Outer diameter insulation         1,25 mm           Outer diameter insulation         45 ± 5 Shore D           M	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.  Contormity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 210  Cable IType 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wire insulation brown brown, black, blue  Cable weigh 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 \$5 Shore D  Material properties wire insulation 1,25 mm  Outer diameter (slacket) 1,25 mm  Outer diameter release wire insulation 2,5 Shore D  Material properties wire insulation good machinability  Ingedient freeness wire insulation 1,25 mm	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 61076-2-114 (M8)  Installation   Cable  Cable identification 210  Cable identification 210  Cable Type 1 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Important installation notes	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-114 (M8)  Installation   Cable  Cable identification 210  Cable identification 210  Cable Type 1 1  Jacket Color gray  Type of Certificate cURus  Amount stranding 1 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 29,37 g/m  Material jacket PVC  Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1,25 mm  Outer diameter insulation 45 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	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 61076-2-114 (M8)           Installation   Cable           Cable identification         210           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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		
Installation   Cable           Cable identification         210           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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	Note on bending radius	
Cable identification         210           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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		
Cable identification         210           Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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	Conformity	endangered by excessive bending forces.
Cable Type         1           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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	Conformity Product standard	endangered by excessive bending forces.
Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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	Conformity Product standard Installation   Cable	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue  Cable weigth 29,37 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) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)
Amount stranding         1           Stranding         3 wires twisted           wire arrangement         brown, black, blue           Cable weigth         29,37 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)         4,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         3           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	Conformity Product standard Installation   Cable Cable identification Cable Type	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210 1
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,37 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) 4,5 mm Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC Amount wires 3 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray
wire arrangement brown, black, blue  Cable weigth 29,37 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) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus
Cable weight 29,37 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) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210 1 gray cURus 1
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) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted
Shore hardness jacket 85 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m
Outer-diameter (jacket) 4,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A
Material wire insulation PVC  Amount wires 3  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	Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free
Amount wires 3 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	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1 gray cURus  1 3 wires twisted brown, black, blue 29,37 g/m  PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm
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	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  4,5 mm  ± 5 %
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	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  4,5 mm  ± 5 %  PVC
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	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  4,5 mm  ± 5 %  PVC  3
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1  gray  cURus  1  3 wires twisted  brown, black, blue  29,37 g/m  PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free  4,5 mm  ± 5 %  PVC  3  1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1 gray cURus  1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 %
	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter rolerance core insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210 1 gray cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D
	Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  Amount wires  Outer diameter insulation  Outer diameter tolerance core insulation  Shore hardness wire insulation  Material properties wire insulation	endangered by excessive bending forces.  DIN EN 61076-2-114 (M8)  210  1 gray cURus  1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm ± 5 % 45 ± 5 Shore D good machinability

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: 2024-05-16



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 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 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter