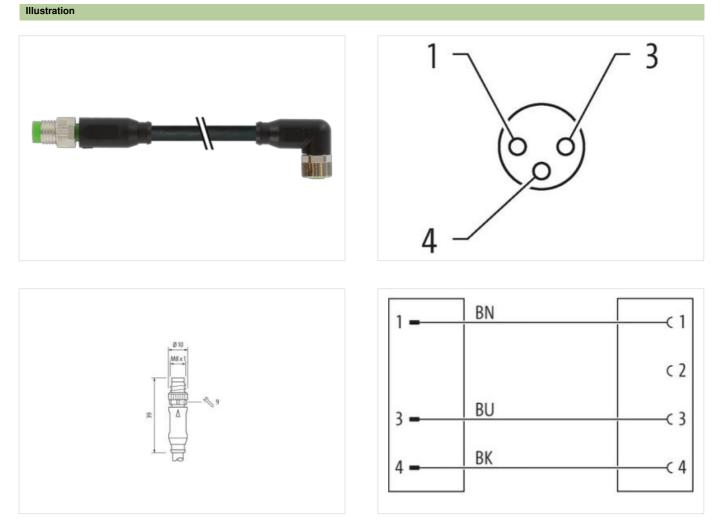


## M8 male 0° / M8 female 90° A-cod.

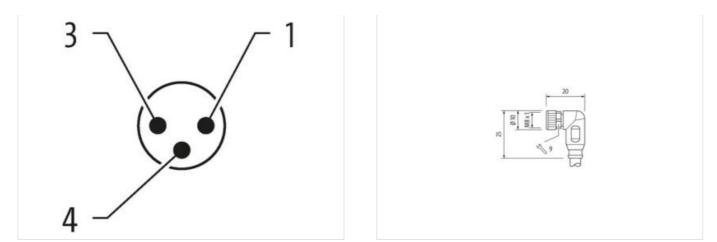
PVC 3x0.25 bk UL/CSA 0.6m

Male straight – female 90° M8 – M8, 3-pole Art-No. 7005 - 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







Product may differ from Image



Cable length	0,6 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
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879128841
Packaging unit	1
Electrical data   Supply	
NOT NOT DE L'ADDELLA DE LA MARK	

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: 2024-05-20

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Operating variage DC max     60 V       Operating variage CC (LL-lated)     30 V       Current operating per contant max.     4 A       Disponetion     mo       Disponetion     mode       Disponetion     mode       Disponetion     mode       Disponetion     posted       Disponetion     posted       Disponetion     posted       Disponetion     posted       Disponetion     1       Disponetion     posted       Disponeti		50 V
Operating voltage AC (LL-isted)     30 V       Operating voltage DC (UL-isted)     30 V       Concernit operating voltage DC (UL-isted)     30 V       Diagnostics     Status indication LED     no       Device protection [Electrical     Protection [Electrical control integer of the integer of th	Operating voltage AC max.	50 V
Operating worksigs DC (UL-stand)     40 V       Current operating per constant max.     4 A       Diagnostics        Status inficiation LED     no       Device protection (Electrical        Material rouging (Electrical Statism)     1:       Mechanical data     Network       Material rouging     PCR       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics (Climate        Operating temperature max.     45 °C		
Current operaling per contact max.     4 A       Diagnostics        Status indication LED     no       Degree of protection   Elucitical        Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additional condition protector dogree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 6064-1)     I       Machanical data Material adsta     Costing tocking       Costing tocking     Nickold       Material group (IEC 6064-1)     I       Mechanical data Mounting data     Tock discounting       Material quadu     PLR       Costing material     Tock discounting       Material provide to material characteristics (Climalic     Environmental characteristics (Climalic       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -45 °C       Operating temperature max.     85 °C       Additional condition temperature max.     edder of condition to conscions by suitable measures from mechanical loads, e.g. by the usage of cable less.       Not on ording radus		
DespectiveStatus indication LEDnoDevice protection [Electiva]Device protection [Electiva]Device protection [Electiva]Degre of protection [Electiva]Degre of protection [Electiva]Degre of protection (EN IE 6 0563+1)Rated surge valtage1.5 kVMatarial group (EC 6064+1)1.Matarial group (EC 6064+1)1.Matarial group (EC 6064+1)No classical dataMatarial properties (Electiva)No classical dataMatarial properties (Electiva)No classical dataMatarial properties (Electiva)No classical dataMouting methodNo classical dataMouting methodSeponding on cable qualityDepending temperature max.Seponding on cable qualityInternetiesNo classical dataNo con theoring radieMontance or classical bardies (Seponding force.ControlityNo con classical bardieg (Seponding force.Matarial ColationSin Classical dataInternetiesNo con classical bardieg (Seponding force.Colation (Colation)Sin Classical dataInterneties		
Basilia Indication LED     no       Device protection [Electrical     1965, 1972, 1988, 1968 (       Degree of protection [Electrical     inserted, screwed       Pollution production degree     3       Barel surge voltage     1,5 kV       Material group (EC 60684-1)     1       Material group (EC 60684-1)     2		4 A
Device protection   Electrical       Degree of protection (EN EC 00529)     IP65, IP67, IP68, IP66K       Additional contriction protection degree     3       Rated surge voltage     1,5 kV       Material apost, IC 00604-1)     I       Material post, IC 00604-1)     I       Material post, IC 00604-10     I       Post, IC 00604-10     I       Material post, IC 00604-10     I       Material post, IC 00604-10     I       Post, IC 00604-10     I       Material post, IC 00604-10     I	Diagnostics	
Degree of protection (EN IEC 60529)     IP85, IP67, IP68, IP66K       Addinonal condition protection degree     inserted, screwed       Pollation Degree     3       Rated surge voltage     1, S. W       Matchail group (IEC 60664-1)     I       Mechanical dial Material dial     Inserted, Screwed       Matchail group (IEC 60664-1)     I       Mechanical dial Material dial     FKM       Material group (IEC 60664-1)     Vickeled       Material group (IEC 60664-1)     Inserted, Screwed, Shaking protection       Material policy     PUR       Locking material     Inserted, screwed, Shaking protection       Monting method     inserted, screwed, Shaking protection       Monting temperature min.     25 °C       Operating temperature max.     85 °C       Addinonal condition temperature max.     85 °C       Addinonal condition temperature max.     85 °C       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention:     Conternity       Product standad     DIN EN 1076 2-114 (M8)       Installation 1 Cable     URus       Attentico <td>Status indication LED</td> <td>no</td>	Status indication LED	no
Additional condition protection degree     inserted, screwed       Pailution Degree     3       Radid surge voltage     1.5 kV       Material group (EC 60664-1)     1       Mechanical data (Matorial data)     Conting locking       Conting locking     Nickeled       Material nousing     PUB       Locking material     Zne die-casting       Mechanical data (Mounting data)     Inserted, screwed, Shaking protection       Environmental characteristics (Climatic     Conting on cable quality       Coperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional contition notes     Service       Note on strain relief     Protect the connectors by suitable measures from machanical loads, e.g., by the usage of cable lies.       Note on ending radius     Attentific: Climatic       Departing temperature may     depending lores:       Validonal contition notes     Material processive bending lores:       Note on ending radius     Attentific: Climatic       Departing temperature may     brown, black, blue       Cable identification     610       Cable identification     610       Cabl	Device protection   Electrical	
Pallution Degree     3       Rated surge voltage     1.5 kV       Material group (E0 6064-1)     1       Mechanical data   Material data     Coating [Ocking     Nickeled       Material paskit     FVM       Mouning method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparitive simits       Operating temporature min.     25 °C       Operating temporature max.     85 °C       Additional condition temperature range     deparding on cable quality       Importation tallation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable itee.       Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be ontargened by axcessive bending fradii when laying cables, as the IP protection dass can be ontargened by axcessive bending fradii when laying cables, as the IP protection dass can be onta	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Reted surge voltage     1,5 kV       Material group (IEC 60564-1)     I       Mechanical data   Material data     Cashing locking       Cashing locking     Nickeled       Material pasket     FKM       Material housing     PUR       Locking material     Zin die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics / Climatic     Climatic       Environmental characteristics / Climatic     25 °C       Operating temperature min.     25 °C       Additional condition temperature max.     65 °C       Note on strain reflef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain reflef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the parmissible bonding radii when laying cables, as the IP protection dass can be ending forces.       Contornity     Din EN 51076-2-114	Additional condition protection degree	inserted, screwed
Material group (EC 68664 1)     I       Mechanical data   Material data     Vickaled       Coating locking     Nickaled       Material gaskat     FKM       Material gaskat     FKM       Mechanical data   Mounting data     Incelie-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain rele!     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain rele!     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.       Conformity     Insertence       Write arrangement     brown, black, blue       Cable domitication     610       Cable domitication     1       Stranding     1       Stranding     1       Stranding     1       Strandin	Pollution Degree	3
Mechanical data   Material data       Coating locking     Nickeled       Material gasket     FXM       Material gasket     FXM       Material lossing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature max.       Operating temperature max.     85 °C       Additional condition toregrature may.     85 °C       Additional condition toregrature may.     85 °C       Mote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protection class can be endangered by excessible bending facili when laying cables, as the IP protectin cla	Rated surge voltage	1,5 kV
Coating locking     Nickeled       Material pasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Meterial housing     Inserted, screwed, Shaking protection       Environmental characteristics [Climatic     Coperating temperature min.       Q55 °C     Operating temperature max.       Additional condition temperature may.     85 °C       Additional condition temperature may.     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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Conformity     Every       Product stranderd     DIN EN 61076-2-114 (M8)       Installation (Cable     Every       We arrangement     brown, black, blue       Cable Inflication     610       Cable Origin     1       Jacket Coor     Beak       Type of Cortificate     eURus       Arount straing     1       Strainding     1       Strainding     3 wires twisterd       wire arrang	Material group (IEC 60664-1)	1
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechnical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     -25 °C       Operating temperature main.     -25 °C       Operating temperature main.     -25 °C       Additional condition temperature mage     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 lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Contormity     Veroduct standard     DIN EN 61076-2-114 (M8)       Installation [Cable     Veroduct standard     DIN EN 61076-2-114 (M8)       Installation [Cable of Cable Type     1     Jacket Color       Value identification     610     Cable Type       Cable identification     610     Cable Type       Cable Color     black     Type of Carificate     CJRus       Amount standing     1 <td< td=""><td>Mechanical data   Material data</td><td></td></td<>	Mechanical data   Material data	
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     -25 °C       Operating temperature main.     85 °C       Additional condition temperature mage     depending on cable quality       Importal installation notes     Note on strain relief       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 ractil when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contormity     Product standard       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Hourn, black, blue       Cable rolpen       1       Jacket Color     Black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable volget     62.5 Shore A <t< td=""><td>Coating locking</td><td>Nickeled</td></t<>	Coating locking	Nickeled
Material housing     PUR       Locking material     Zinc die-casting       Mounting material     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature main.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable 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.       Contomity     Product standard     DIN EN 61076-2-114 (M8)       Installation (Cable     Standing     610       Cable dentification     610     Cable Gable		
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       Importal installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contomity     Environmental       Product standard     DIN EN 61076-2:114 (M8)       Installation [ date     Imported installation [ date = CURus Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contomity     Environmental       Product standard     DIN EN 61076-2:114 (M8)       Installation [ date     Imported installation [ data Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Cable Identification     610       Cable Identification     610       Cable Identification     610       Cable Identificate     cURus       Amount stranding		PUR
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable Type     1       Gaber Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1<		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       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable 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       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable Type     1       Gaber Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1<	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       Important installation notes     Note on strain relief       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 emperature min.       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Unit entrangement       Schorthype     1       Ype of Certificatio     610       Cable Type     1       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable type     1       Jacket Color     black       Type of Certificate     cURus       Aftending 3 wires twisted     wire arrangement       brown, black, blue     Cable type <t< td=""><td></td><td>inserted, screwed. Shaking protection</td></t<>		inserted, screwed. Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Environmentation of 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     write arrangement       brown, black, blue     Cable identification       Cable identification     610       Cable weigh     1       Stranding     1       Stranding     1       Stranding     3 wires twisted	-	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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     wire arrangement     brown, black, blue       Cable Type     1     Jacket Color     Jacket Color       Jacket Color     black     Type of Certificate     cURus       Amount stranding     1     Stranding     Stranding       wire arrangement     brown, black, blue     Cable type     Cable type       Cable type     1     Jacket Color     Jacket Solor     Jacket Solor       Stranding     3 wires twisted     wire arrangement     Drown, black, blue       Cable weigth     29.37 g/m     Material jacket     PVC       Shore hardness jacket		-25 °C
Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement     brown, black, blue       Cable identification     610     Cable Type       Cable Type     1     Jacket Color       black     CIPus     Type of Certificate     cURus       Amount stranding     1     Stranding     Stranding     Stranding       Material jacket     PVC     Shore hardness jacket     Stranding     Stranding       Material jacket     PVC     Shore hardness jacket     Star Shore A       Freedom from ingredients (jacket)     4.5 rm     Coler-Gimeter (jacket)     4.5 rm       Tolerance outer diameter (sheath)     ± 5 %     Material wire insulation     PVC <td></td> <td></td>		
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       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       brown, black, blue     Cable identification       Cable identification     610       Stranding     3 wires		
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     wire arrangement     brown, black, blue       Cable identification     610       Stranding     3 wires twisted </td <td></td> <td></td>		
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     Image: Conformity       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       wire arrangement     brown, black, blue       Cable identification     610       Cable Type     1       Jacket Color     black       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       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation		
Note on bending radius   endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-114 (M8)     Installation   Cable     wire arrangement   brown, black, blue     Cable didentification   610     Cable Type   1     Jacket Color   black     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 negration   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   1,5 %     Shore hardness wire insulation   45 ± 5 Shore D	Note on strain relief	
Product standardDIN EN 61076-2-114 (M8)Installation   Cablewire arrangementbrown, black, blueCable identification610Cable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Note on bending radius	
Installation   Cablewire arrangementbrown, black, blueCable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29.37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCShore hardness issulation1,25 mmOuter diameter (sheath)± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Conformity	
wire arrangementbrown, black, blueCable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable identification610Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Installation   Cable	
Cable Type1Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	wire arrangement	brown, black, blue
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable identification	610
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable Type	1
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Jacket Color	black
Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Type of Certificate	cURus
wire arrangementbrown, black, blueCable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter insulation45 ± 5 Shore D	Amount stranding	1
Cable weigth29,37 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Stranding	3 wires twisted
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	wire arrangement	brown, black, blue
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Cable weigth	29,37 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material jacket	PVC
Outer-diameter (jacket)4,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Shore hardness jacket	85 ± 5 Shore A
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	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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	Outer-diameter (jacket)	4,5 mm
Amount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore D	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 45 ± 5 Shore D	Amount wires	3
Shore hardness wire insulation 45 ± 5 Shore D	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%
Material properties wire insulation and machinability	Shore hardness wire insulation	45 ± 5 Shore D
אומנפוומו אוטאפוונפא אוויפ ווואטומנוטוו עטט ווומטוווומטווונא	Material properties wire insulation	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: 2024-05-20

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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

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