

< 3

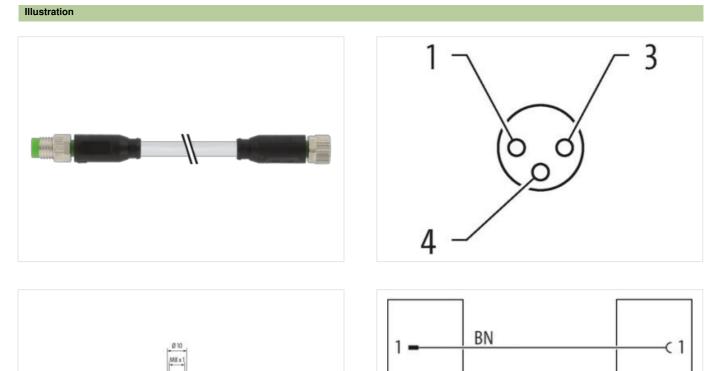
< 4

## M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 gy UL/CSA+drag ch. 2.5m

Male straight – female straight M8 – M8, 3-pole Art-No. 7005 - M12 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



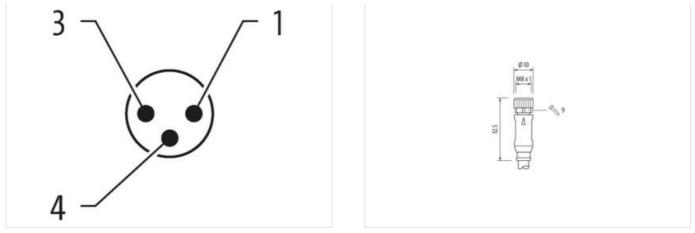
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	2,5 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
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-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	4048879131506
Packaging unit	1
Electrical data   Supply	

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Operating voltage DC max.     60 V       Operating voltage DC luitated)     30 V       Operating voltage DC luitated)     30 V       Device protoction CLUITATED)     30 V       Device protoction (FILE ODDE)     ro       Device protoction (FILE ODDE)     ros       Device protoction (FILE ODDE)     resulted, screwed       Additional confilion protoction degree     resulted, screwed       Prolute To Expres     3       Additional confilion protoction degree     resulted, screwed       Prolute To Expres     3       Maineria group, IEE ODDEN     resulted, screwed       Prolute To Expres     3       Maineria datast     FOA       Material datast     SP O       Operating interpreter     SP O       Operating interpreter     SP O       Operating interpreter     SP O       Additional condition tomocature may addition asther OP       Device datatint fool<	Operating voltage AC max.	50 V
Operating voltage AC (UL-Isted)     30 V       Operating voltage DC (UL-Isted)     30 V       Control operating occurated max.     4 A       Diagnostics     Status indication control       Diagnostics     Diagnostics       Diagnostics     Postatus indication control max.       Darge of protection   Electrical     Postatus indication voltage of protection (Ele IEC 80529)       Darge of protection   Electrical     Inserted, screwed       Postation accontation protection degree     3       Read surge voltage     1.5 kV       Material group (IEC 80664-1)     1       Mechanical data [Material data]     Concilent postation       Control postating protection degree     3       Read surge voltage DC (UL-Isseet)     In       Mechanical data [Material data]     Concenting protection       Control postating protection protection degree     1       Material protection protection degree     1       Mechanical data [Mouring data     The de-casting       Mechanical data [Mouring data     The de-casting       Mounting temperature range     depending protection       Environment schalation note     25 °C       Oporelini	Operating voltage DC max	
Operating vertage DC (UL-Islend)     30 V       Current operating per contact max.     4 A       Diagnostics     Status Infication LED     na       Device protection (ENE CE 50529)     IP65, IP67, IP68, IP66, IP67, IP68, IP67, IP67, IP68, IP67, IP68, IP67, IP68, IP67, IP68, IP67, IP68, IP67, IP68, IP67, IP6	· · ·	
Current operating per contact max.     4 A       Diagnostics		
Dagostics       Status infocation LED     n       Device protection [Exercisa]     Device protection [Exercisa]       Degrage of protection [Exercisa]     Device protection (Exercisa]       Device protection [Exercisa]     Instruct, Screwel       Device protection (Exercisa)     Instruct, Screwel       Device protection (Exercisa)     1.5 kV       Material group (EXe 60664-1)     1       Dechanical dis[ Material data]     Material group (EXe 60664-1)       Material group (EXe 60664-1)     1.5 kV       Material group (EXe 60664-1)     2.5 kV       Conting temperature range     depending on cable quality       Important invelide     Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on brening radius     Set C       Caterning radius     2.0 C       Caterning radius     Discont files and brening radii when laying cables, as the IP protection class can be origin radius (EXERCISC)       Caternin relide     Att		
Status indication LED     no       Device or protection   Electrical     Performation (EN IEC 60529)     Nep 1961, 1968, 196		
Device protection   Electrical     PBS, IPS, IPS, IPS, IPS, IPS, IPS, IPS, IP	-	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     isserted, screwed       Pated surge voltage     3       Pated surge voltage     1, S. W.       Material group (IEC 60664-1)     1       Mechanical data [Material data     Exclusion (EC 60664-1)       Material positing     Nickaled       Material positing     P.UR       Cashing locking     P.UR       Material positing     Zinc die cashing       Mechanical data [Mounting data     Time die cashing       Morthania positing     P.UR       Cashing natarial     Zinc die cashing       Mechanical data [Mounting data     Morthania Screence       Mounting method     inserted, screwed, Shaking protection       Environmental characteriatics   Climatic     Climatic       Operating interpreture man.     25 °C       Operating interpreture man.     25 °C       Operating interpreture man.     25 °C       Note on schain reliof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       Note on schain reliof     Protect the connectors by suitable measures from mechanical loads, e.g. by the us		no
Additional condition protection degree   isserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (EC 6064-1)   1     Material group (EC 6064-1)   1     Material group (EC 6064-1)   1     Material provid (EC 6064-1)   1     Material position   PUR     Locking material   Zine discusting     Material position   PUR     Locking material   Zine discusting     Mounting method   inserted, screwed, Shaking protection     Environmetal characteristics   Climatic   Sing (Climatic Sing Climatic     Operating temperature rank.   85 °C     Additional condition notes   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 endring radus   Operating temperature rank     Controntly   Product standard     Product standard   DIN EN 61076-2-114 (M8)     Installation Clobe   Cable colin     Cable colin   gray     Type of Carbiticate   QUFus     Additional coner ingredient (scolet)   Grad	Device protection   Electrical	
Pollution Degree     3       Rated surge voltage     1,5 kV       Metrial atorul (CS 6066-1)     1       Mechanical data   Material data     Coating (CS 6066-1)       Coating (CS 6067-1)     Nickeled       Material positive (CS 6067-1)     Conting material       Conting material     Zinc dis-casting       Mechanical data   Mounting data     Conting material       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Conting       Operating inserted networks     85 °C       Additonal condition temperature runin.     -25 °C       Operating inserted networks     depending on cable quality       Important installation notes     Note on barring readius       Note on barring radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by accessive banding forces.       Conformity     Conformity       Product standard     DIN EN 61076-2-114 (M8)       Instaliation [Cable     Sa </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP67, IP68, IP66K</td>	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Pated surge voltage     1,5 kV       Material group (EC 6064-1)     1       Mechanical data   Material data     Coding loching       Octaning loching     Nickeled       Material gasket     FKM       Material gasket     FKM       Methanical data   Mounting data     inserted, screwed, Shaking protection       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Otimatic     Comparing temperature min.       -25 °C     Operating temperature min.     -25 °C       Operating temperature min.     -55 °C     Operating temperature max.     85 °C       Additional condition 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 tiles.       Motand and tile     DIN EN 61076-2-114 (MB)     Installation classe on be endangered by excessive bending forces.       Contormity     Product standard     DIN EN 61076-2-114 (MB)     Installation (Cable Yes)       Cable forpe     3     3     Addet for A gray       Type of Cartificate     QUBus     Anount straing     I <	Additional condition protection degree	inserted, screwed
Material group (EC 60864-1)     I       Mechanical data [ Material data     Coating locking     Nickladd       Material gaska     FKM     Material gaska     FKM       Material gaska     FKM     Material gaska     FKM       Material gaska     FKM     Material gaska     FKM       Material gaska     TR     Material gaska     FKM       Material gaska     TR     Tree decasting     Material gaska     FKM       Machanical data [ Mounting data     Inserted, screwed, Shaking protection     Environmental characteristics [ Climatic     Comperating temperature main.     -25 °C     Operating temperature mas.     85 °C     Additional condition temperature range     depending on cable quality     Inserted     Concenting     Environmental characteristics [ Climatic     Environmental condition temperature range     depending on cable quality     Inserted     Environmental condition temperature range     depending on cable quality     Inserted     Environmental characteristics [ Climatic commenchanical loads, e.g. by the usage of cable lies.     Attention: Costeres the permisebible bending radiu when laying cables, as the IP protection class can be endiang ords by accessive bending forces.     Coalce cable Type     Gasterian range     Gasterian range     Gasterian	Pollution Degree	3
Mechanical data   Material data       Coaling looking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material noising     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Coparating temperature main.     25 °C       Operating temperature main.     25 °C       Operating temperature main.     85 °C       Additional condition notemperature main.     85 °C       Additional condition notemperature main.     85 °C       Additional condition notemperature main.     85 °C       Note on strain rollef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain rollef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Operating temperature main.     200       Cable of biffication     230       Cable Color     gray       Type of Certificate     ClPusia       Annount stranding     1       Stranding     3 wites twisted       Material jacket     90 ± 5 Shore A <t< td=""><td></td><td>1,5 kV</td></t<>		1,5 kV
Coating locking     Nickeled       Material pasket     FKM       Material pasket     FKM       Material possing     PUF       Locking material     Zin clie-casting       Methanical data   Mounting data     Incelet-casting       Perstaing method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     25° C       Operating temperature max.     85° C       Additional condition temperature max.     Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be enclosed cable functifican protection class can be enclosed cable functifican protection class can be enclosed cable	Material group (IEC 60664-1)	I
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     25 °C       Operating temperature min.     25 °C     Operating temperature max.     85 °C       Additional condition temperature maye     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.       Contornity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     230     Cable identification       Cable identification     230     Cable identification       Zabet Cobr     gray     Type of Cartificate     CURus       Amount stranding     1     Stranding     3 wires twisted       wire arrangement     brown, black, blue     Cable weight     26.4 grm       Material jackot     PUR     <	Mechanical data   Material data	
Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting material     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature main.     -25 °C       Operating temperature max.     45 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes     Material was and	Coating locking	Nickeled
Locking material     Zine die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.       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 stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Reduct standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable ties       Cable tiese     Cable tiese       Additional     230       Cable Type     3	Material gasket	FKM
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Construction       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ieles.       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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ieles.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ieles.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ieles.       Attention: Observe tatandard<	Material housing	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     Environmental characteristics, 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 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 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 strain relief     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Conformity     Din En force 2-114 (M8)       Installation   Cable     Cable top is a substate strain in the straining       Type of Certificate     cuPras       Amount stranding     1	Locking material	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Mote 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 radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product strandard       Product strandard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     230       Cable identification     230       Cable identification     230       Cable identification     230       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigh     26.4 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     4.5 %       Material jacket     PUR	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Motional condition temperature may.       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.       Conternity     Protect the formation of 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.       Conternity     Protect the formation of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Additional Colle     Cable dentification     230       Cable dentification     230     Cable dentification       Amount stranding     1     Stranding       Stranding     3 wires twisted     Stranding       wire arrangement     brown, black, blue     Cable dentification       Cable dentification     90 ± 5 Shore A     Freedom from ingredients (jacket)     PUR	Mounting method	inserted, screwed, Shaking protection
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     Protect standard       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     230       Cable forpe     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigh     26.4 g/m       Material jacket     PUR       Shore hadrness 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 %	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Additional condition temperature range       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 radi 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     230       Cable identification     230       Cable Identification     230       Cable Identification     230       Cable Identificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weight     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 (iacket)     4.1 mm       Tolerance or insulation     PP       Amount wires     3 </td <td>Operating temperature min.</td> <td>-25 °C</td>	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       Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     Cable identification       Cable identification     230       Cable IType     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26,4 g/m       Material jacket     PUR       Store Androse jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer diameter (facket)     4.1 mm       Tolerance outrigianter (isolation     1,25 mm       Outer diameter insulation     1,25 mm       Outer diameter insulation     1,25 Shore D       Anount wires <td< td=""><td>Operating temperature max.</td><td>85 °C</td></td<>	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.       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     230       Cable identification     230     Cable Type       Jacket Color     gray     Type of Cartificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wrie arrangement     Drown, black, blue     Cable weigth     26.4 g/m       Material jacket     PUR     Store A     Freedom from ingredients (jacket)     I add free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     1.5 %     Material wire insulation     PP       Amount wires     3     Content from ingredient insulation     PP       Amount wires     3     Content from ingredient insulation     PP       Amount wires     3     Content from ingredient insulation     PP       Amount wires     3     Couter diameter insulation	Additional condition temperature range	depending on cable quality
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     Cable identification     230       Cable identification     230     Cable Type     3       Jacket Color     gray     Type of Cartificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wire arrangement     brown, black, blue     Cadel (4 g/m)     Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A     Freedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     4.1 mm     PP     Amount wires     3       Outer diameter insulation     PP     Amount wires     3     Outer diameter (acket)     1.25 mm       Outer diameter insulation     1.25 mm     Shore hardness wire insulation     1.25 mm     Shore hardness wire insulation     1.25 Shore D       Ingredient freeness wire insulation     1.25 Shore D     Shore hardness wire insulation     1.25 Shore	Important installation notes	
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     Cable identification     230       Cable identification     230     Cable Type     3       Jacket Color     gray     Type of Cartificate     cURus       Amount stranding     1     Stranding     3 wires twisted       Wire arrangement     brown, black, blue     Cadel (4 g/m)     Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A     Freedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     4.1 mm     PP     Amount wires     3       Outer diameter insulation     PP     Amount wires     3     Outer diameter (acket)     1.25 mm       Outer diameter insulation     1.25 mm     Shore hardness wire insulation     1.25 mm     Shore hardness wire insulation     1.25 Shore D       Ingredient freeness wire insulation     1.25 Shore D     Shore hardness wire insulation     1.25 Shore	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-114 (M8)Installation   CableCable identification230Cable identification230Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   Cable     Cable identification   230     Cable Type   3     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     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 tolerance core insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free	Conformity	
Cable identification230Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cArnium-free, CFC-free, halogen-free, silicone-free	Product standard	DIN EN 61076-2-114 (M8)
Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-free	Installation   Cable	
Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-free	Cable identification	230
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free		
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Cable weigth26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-free, silicone-free	wire arrangement	brown, black, blue
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free	-	26,4 g/m
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-free		90 ± 5 Shore A
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 wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free	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 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free	Outer-diameter (jacket)	4,1 mm
Amount wires   3     Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation   1,25 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material wire insulation	PP
Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Amount wires	3
Shore hardness wire insulation 70 ± 5 Shore D   Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Outer diameter insulation	1,25 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Outer diameter tolerance core insulation	±5%
	Shore hardness wire insulation	70 ± 5 Shore D
Amount strands (wire) 32	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	Amount strands (wire)	32

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

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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
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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 § 1090   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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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