

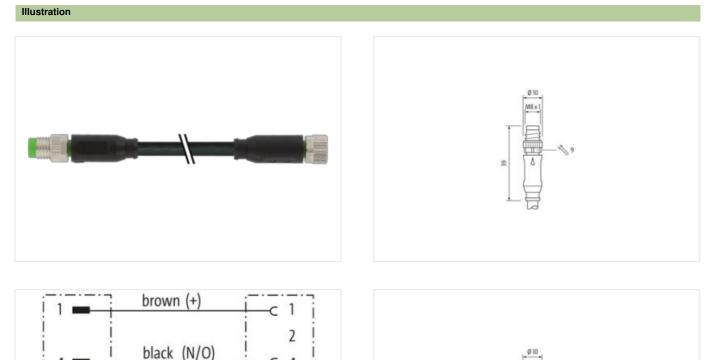
## M8 male 0° / M8 female 0° A-cod.

PUR 3x0.25 bk UL/CSA+drag ch. 0.8m

Male straight – female straight M8 – M8, 3/4-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

3



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

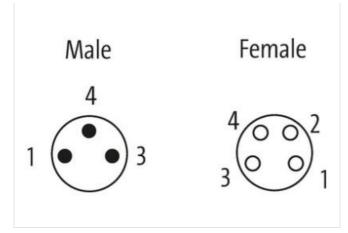
blue (-)

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk

C 4

C 3





Product may differ from Image



Cable length	0,8 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-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	4048879753685
Packaging unit	1
Electrical data   Supply	

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Operating voltage DC max.     60 V       Operating voltage DC luitieted)     30 V       Operating voltage DC luitieted)     30 V       Derestring voltage DC luitieted)     30 V       Derestring voltage DC luitieted)     30 V       Derestring voltage DC luitieted)     no       Derestring voltage DC luitieted)     no       Derestring voltage DC luitieted)     restring science       Derestring voltage DC luitieted)     restring s	Operating voltage AC max.	50 V
Operating voltage AC (UI-tested)     30 V       Operating voltage DC (UI-tested)     30 V       Operating voltage DC (UI-tested)     30 V       Diagnostics     Status indication CD       Device protection   Electrical     IPERATION CONTRACT       Degree of protection   Electrical     IPERATION CONTRACT       Degree of protection   Electrical     IPERATION CONTRACT       Degree of protection   Electrical     IPERATION CONTRACT       Additional condition protection degree     IPERATION CONTRACT       Material group (IEC 60664-1)     I       Material group (IEC 60664-1)     Inserted, sorwed, Shaking protection       Material group (IEC 60664-1)     Inserted, sorwed, Shaking protection       Material protection clease and group cable	Operating voltage DC max	
Operating per contact max.     4 A       Diagnostic     solution       Betwise per contact max.     4 A       Diagnostic     solution       Betwise per contact max.     4 A       Diagnostic     solution       Betwise per contact max.     6 A       Diagnostic     solution       Diagnostic <td>· · · ·</td> <td></td>	· · · ·	
Current operating per contact max.     4 A       Diagnostics        Status indication LED     no       Degree of protection   Electrical        Degree of protection   Electrical     insertion discrete       Polition Degree     3       Rated surge voltage     1.5 kV       Material grapping (Ele 66664-1)     1       Material grapping (Ele 66664-1)     2       Material grapping (Ele 66664-1)     2       Material grapping (Ele 66664-1)     2       Mounting multical     Ensertical science leg science le		
Dagostics     Device protection (Electrical       Device protection (Electrical     PD000000000000000000000000000000000000		
Status indication LED     no       Device of protection   Electrical     Electrical       Degree of protection (EN IEC 60529)     ABC 1967, 1968, 1968, K       Additional condition protection degree     3       Bated surge voltage     1,5 kV       Material group (EC 60664.1)     1       Material group (EC 60664.1)     1       Material gasket     PKM       Material position (and the fourthing dat)     Toric dic casting       Mounting method     Inserted, screwed, Shaking protection       Everonmetal characteristics [ Climatic     Electric Climatic       Operating temperature max.     85 °C       Addition di condition temperature ranze     69 erefing on cable quality       Inportation temperature max.     68 °C       Addition of condition temperature ranze     69 erefing on cable quality       Inportation temperature max.     68 °C       Addition addition temperature ranze     60 erefinatin temprature max.       Not		
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP68K       Additional condition protection degree     3       Rated surge votage     1, 5 kV       Material group (EC 60664+)     1       Mechanical data   Material data     Condition (SM IEC 60664+)       Mechanical data   Material pack     FKM       Material pack     FKM       Material pack     FKM       Mechanical data   Material data     Condition (SM IEC 6066+)       Mechanical data   Material data     FKM       Material pack (SM IEC 6067+)     Inserted, sorewed, Shaking protection       Mechanical data   Material data     FKM       Mechanical data   Material data     Sof Condition       Operating temperature min.     -25 °C       Operating temperature min.     25 °C       Material p	-	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     issetted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Mechanical data     FXM       Material position     PRM       Material position     Reference data       Material position     PRM       Material position     PRM       Material position     PRM       Material position     PRM       Material position     Inserted, screwed, Shaking protection       Environmental characteristics   Gimatic     Comatic       Operating temperature man.     25 °C       Note on strun infold		10
Additional condition protection degree   issarted, screwed     Pollution Degree   3     Rated surge voltage   1, SkV     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   Nickeled     Material position   PUR     Locking material   Zn edic-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Sr °C     Operating temperature run.   45 °C     Operating temperature run.   45 °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 ties.     Note on endring radius   Attentro: Chesre the premissible bording radii when laying cables, as the IP protection class can be endragered by snotesiave bonding forces.     Product standard   DIN EN 61076-2-114 (MS)     Installation   630     Cable identification   630     Cable identification   630     Cable identification   630 <	· · ·	
Pollution Degree     3       Rated surge voltage     1.5 kV       Rated surge voltage     1.5 kV       Mechanical data   Material data     Coating (Docking)       Nickeled     Nickeled       Material position     PUR       Locking material     Zinc dic-casting       Mechanical data   Mounting data     Conference       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature min.       - 25 °C     Operating temperature min.       - 25 °C     Additional condition temperature mage       depending unequature max.     B5 °C       Additional condition temperature mage     depending on cable quality       Inportant installation notes     Attention: Observe the permissible banding ratil when laying cables, as the IP protection class can be ending ratil when laying cables, as the IP protection class can be       Conformity     Din EN 1076 2·114 (M		
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   Olimatic     Coperating temperature min.     -25 °C       Operating temperature min.     -25 °C     Comparising temperature max.     65 °C       Additional condition temperature max.     65 °C     Commit     Commental characteristics   Commental data depending on cable quality       Important installation notes     Additional condition     Condition coservo the permissible bearding from mechanical loads, e.g. by the usage of cable lites.       Note on briding radius     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.       Contormity     Product stand     DIN EN 61076-2-114 (MS)       Installation   Cable     Goal     Cable dipentification       G30     Cable data (data data)     Goal       Cable dopentification     G30 </td <td></td> <td></td>		
Material group (EC 60864-1)     I       Mechanical data [ Material data     Coating locking     Nickland       Material gaska     FKM     FKM       Material daska     FKM     FKM       Mechanical data [ Mounting data     Zinc die-casting     Mechanical data [ Mounting data       Mechanical data [ Mounting data     Inserted, screwed, Shaking protection     Environmental characteristics [ Climatic       Oparating temperature max.     B5 °C     Oparating temperature max.     B5 °C       Additional condition temperature range     depending on cable quality     Inparteriation temperature range     depending on cable quality       Inportant installation notes     Note on stain reliaf     Protect the connectors by suitable measures from mechanical loads, e.g. by the usago of cable tos.       Note on stain reliaf     Protect the connectors by suitable measures from mechanical loads, e.g. by the usago of cable tos.       Contornity     Invite arrangement     brown, black, blue       Cable destification     G30     Cable destification       Cable destification     G30     Cable destification       Cable destification     G30     Cable destification       Cable destification     G30     Cable destificatio		
Mechanical data   Material data       Coading looking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Coparating temperature main.     25 °C       Operating temperature max.     85 °C       Additional condition notemperature may     85 °C       Additional condition notemperature may     85 °C       Additional condition notemperature may     85 °C       Note on strain rollef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Note on bending radus     Attention: Observe the permissible bending radi when laying cables, as the IP protection class can be endingered by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Verture attandrad     DIN EN 61076-2-114 (M8)       Instellation Cable     Uniter Cobserve the permissible bending radi when laying cables, as the IP protection class can be endingered by subsetwo bending for these.       Cable on Specific (Scale)     DIN EN 61076-2-114 (M8)       Instellation (Cable     Uniter Cobserve the permissible bending radis		1,5 kV
Coding locking     Nickeled       Material pasket     FKM       Material pasket     PUR       Locking material     Zin clie-casting       Mechanical data   Mounting data     Incele-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     25° C       Operating temperature max.     85° C       Additional condition temperature max.     81° C       Important instanding radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be enving t	Material group (IEC 60664-1)	
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 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 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 excessive bending forces.       Contornity     Product standard     DIN EN 61076-2-114 (M8)       Installation   Cable     brown, black, blue     Cable radio       Cable radio     630     Cabler Type     3       Jacket Color     black     Divers, black, blue     Cabler Ty	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     Operating temperature main.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important installation notes     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 endagered by excessive bending forces.       Contormity     Important installation Cable       Product standard     DIN EN 61076-2-114 (M8)       Installation Cable     G30       Cable dentification     G30       Cable dentification     G30       Cable Type     3       Jacket Color     black       Type of Confinate     CURus       Amount stranding     1       Stranding     3 wires twisted  <	Coating locking	Nickeled
Locking material     Zinc 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 files.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on stain relief     DIN EN 61076-2-114 (M8)       Installation   Cable     DIN EN 61076-2-114 (M8)       Installation   Cable     Brown, black, blue       Cable identification     630       Cable identification     630       Cable identification     G30       Cable identification	Material gasket	FKM
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comportative max.       Operating temportative min.     -25 °C       Operating temportative max.     85 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     65 °C       Additional condition temperature max.     64 pending 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     Installation Cable       Installation   Cable     DIN EN 61076-2-114 (M8)       Installation   Cable     brown, black, blue       Cable identification     630       Cable identification     630       Cable identification     630       Cable identification     Gask       Type of Certificate     CuFuesu       Coro	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 leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical leads, e.g. by the usage of cable lies.       Operating radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending or cable ending to ress.       Operating radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending of cress. <td>Locking material</td> <td>Zinc die-casting</td>	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     Motional 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 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     uscessive bending forces.       wire arrangement     brown, black, blue       Cable Type     3       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable type     3       Gable type     3       Adrending jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     45.4 g/m       Mater	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature may.     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 bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Contemity     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 connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Vice at standard     DIN EN 61076-2-114 (M8)       Installation   Cable     wire arrangement       Cable identification     630       Cable identification     630       Cable identification     630       Cable identification     1       Stranding     1       Stranding     1       Stranding     3 wires twisted  <	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     Wire arrangement       Scable identification     630       Cable identification     630       Cable Identification     630       Cable Identification     630       Anount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable identificate     cURus       Andurt stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable identificate     PUR       Shore hardness jacket	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     wire arrangement   brown, black, blue     Cable (dentification   630     Cable Type   3     Jacket Color   black     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 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     Anount wires   3     Outer diameter (sheath) <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     brown, black, blue       Cable identification     630       Cable identification     630       Cable identification     630       Cable identification     630       Ype of Certificate     CJRus       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 impredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer diameter (jacket)     4,1 mm       Tolerance outer diameter (sheath)     ± 5 %       Amount wires     3       Outer diameter (ischeath)	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 fies.       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     Use of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable identification       Cable identification     G30       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	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     wire arrangement     brown, black, blue       Cable identification     630     Cable Type     3       Jacket Color     black     Cullus     Cullus       Amount stranding     1     Stranding     3 wires twisted       Wrie arrangement     brown, black, blue     Cable view of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Type of Cartification     630     Conformation     Cable view of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Stranding     DIN EN 61076-2-114 (M8)     Dine March     Cable view of the permissible bending forces.       Stranding     3     Stranding     3     Stranding     Stranding     Stranding     9     Stranding     9     5     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding	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     wire arrangement     brown, black, blue       Cable identification     630     Cable Type     3       Jacket Color     black     Cullus     Cullus       Amount stranding     1     Stranding     3 wires twisted       Wrie arrangement     brown, black, blue     Cable view of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Type of Cartification     630     Conformation     Cable view of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Stranding     DIN EN 61076-2-114 (M8)     Dine March     Cable view of the permissible bending forces.       Stranding     3     Stranding     3     Stranding     Stranding     Stranding     9     Stranding     9     5     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding     Stranding	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   Cablewire arrangementbrown, black, blueCable identification630Cable identification630Cable IdentificationblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable wight26,4 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)14,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Outer diameter tolerance core insulation70 ± 5 Shore D	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   Cablewire arrangementbrown, black, blueCable identification630Cable Type3Jacket ColorblackType 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)± 5 %Material wire insulationPPAmount wires3Outer diameter (sheath)± 5 %Mount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Conformity	
wire arrangementbrown, black, blueCable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueCable weigth26,4 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)4,1 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,25 mmOuter diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Product standard	DIN EN 61076-2-114 (M8)
Cable identification630Cable Type3Jacket ColorblackType 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 D	Installation   Cable	
Cable identification630Cable Type3Jacket ColorblackType 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 D	wire arrangement	brown black blue
Cable Type3Jacket ColorblackType 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 D		
Jacket ColorblackType 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 insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		
Amount 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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D		black
Amount 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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Type of Certificate	cURus
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Material 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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	wire arrangement	brown, black, blue
Shore 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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Cable weigth	26,4 g/m
Freedom 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 insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore D	Material jacket	PUR
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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	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		· · · · · · · · · · · · · · · · · · ·
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Shore hardness wire insulation 70 ± 5 Shore D		
Ingredient treeness wire insulation lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free		
	Ingredient freeness wire insulation	iead-tree, cadmium-tree, UFC-tree, halogen-tree, silicone-tree

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 Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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