

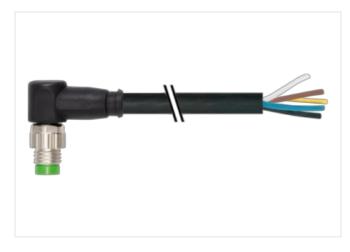
## M8 male 90° with cable

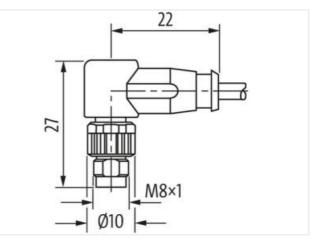
PUR 5x0.25 bk UL 3m

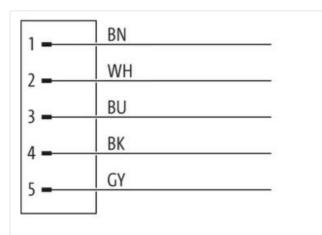
Male 90° M8, 5-pole B-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

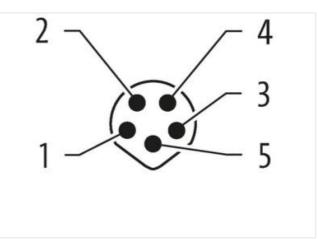
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-06-26

0,4 Nm

3 m

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



Cataling constant operationoperationCataling constant operationM8Tread operation operationM8 × 1Cading operationSMaterial control (N IE 0502)NPOrgane of protection (N IE 0502)NPCommercial data27278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027278718Calassis 0.027090311Calassis 0.027090311	Mounting method	inserted, screwed
Thread     M8 x 1       Coding     B       Addresi confact     Copper alloy       Material     TPU       No. of poles     5       With access files     SW0       Degree of polection (ENIE 60520)     IP67       Commercial data     ECLASS 5.0       ECLASS 7.0     22729218       ECLASS 7.0     22760311       ECLASS 7.0     20760311       Ectrical data [Supply     Constant mather mat	Coating contact	gold plated
Oxding     B       Material contact     Copper alloy       Material     TPU       No. of poles     5       Witch across fails     Svive       Dayre of protection (EN EC 60529)     IP67       Commocial data     EUCASS-5.0       ECLASS-5.0     22729218       ECLASS-7.0     22729218       ECLASS-5.0     22729218       ECLASS-5.0     22729218       ECLASS-5.0     22729218       ECLASS-5.0     22729218       ECLASS-5.0     227600311       ECLASS-5.1     27060311       ECLASS-1.0     27060311       ECLASS-1.0     20060311       ECLASS-1.0     20060311       ECLASS 1.0     20060311       Electrical data [Supply     4044290       GTN     4944290       GTN     4944290 </td <td>Family construction form</td> <td>M8</td>	Family construction form	M8
Material     Copper alloy       Material     TPU       No. of polis     5       With acoss flats     SW9       Degree of poliscitorii (EN EC 60529)     IPG7       Commercial data     22779218       ECLASS 70     22779218       ECLASS 11     27060311       ECLASS 12     27060311       ECLASS 13     27060311       ECLASS 14     27060311       ECLASS 12     27060311       ECLASS 10     27060311       ECLASS 10     27060311       ECLASS 10     27060311       ECLASS 12     27060311       ECLASS 12     27060311       ECLASS 13     27060311       ECLASS 14     49487731577       Parkaging unit     1       Electrical data 1 Suppir     Comenting voltage 2C max.       Operating voltage 2C max.     30 V       Conner opo	Thread	M8 x 1
Material     TPU       No. of poles     8       No. of poles     8       With across flats     SW9       Dagree of protection (EN EC 60529)     IP67       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-7.0     27090311       ECLASS-1.1     27090311       ECLASS-1.2.0     27090311       ECLASS-1.2.0     27090311       ECLASS-1.2.0     27090311       ECLASS-1.2.0     27090311       ECLASS-1.2.0     27090311       Construct datal Supply     1       Electrical data [Supply     1       Deparation voltage AC max.     30 V       Operating voltage AC max.     30 V </td <td>Coding</td> <td>В</td>	Coding	В
No. of poles     S       With accoss flats     SW9       Begree of protection (EN EC 60529)     IP67       Commercial data     E       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-10     27060311       ECLASS-10.1     27060311       ECLASS-10.2     27060311       ECLASS-10.3     90 V       Calcurs of warms gare contract raws     30 V       Operating voltage AC max.     30 V       Calarer of marm gare contract raws.     30 V </td <td>Material contact</td> <td>Copper alloy</td>	Material contact	Copper alloy
With access flats     SW9       Degree of protection (EN IEC 69529)     IP67       Commercial data     ECLASS-6.0     27279218       ECLASS-6.0     27279218     ECLASS-6.0     27279218       ECLASS-6.0     27279218     ECLASS-6.0     27279218       ECLASS-0.0     27279218     ECLASS-6.0     27279218       ECLASS-1.1     27060311     ECLASS-1.1     27060311       ECLASS-1.2     2706031     ECCASS-1.0     2706031       ECLASS-1.0     200055     Graven dyname     Graven dynam     Graven dyname     Graven	Material	TPU
Degree of protection (EN IEC 60529)     IP67       Commercial data		5
Commercial data       ECLASS 6.0     27278/18       ECLASS 7.0     27278/18       ECLASS 7.0     27278/18       ECLASS 7.0     27278/18       ECLASS 7.0     27060311       ECLASS 7.0     ECOLASS 7.0       GTM     404879731577       Packaging unk     1       Electrical data Suppy     Ov       Operating voltage AC max.     30 V       Carrent oparating por contact max.     3 A       Diagnostics     Statis indication LD       Statis indication LD     no       Installation I Connection     no       Mating cycles min.     100       Device prote		
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ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279219       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       automs taiff number     8544290       GTIN     4048879731577       Packagn unk     1       Electrical dial Suppy     Operating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     3 A       Diagnostic     Image: Contact max.       Statis indication ED     no       Instaliation I Connection     Image: Contact max.       Mounting set     M8 x 1       Additional condition protection degree     inserted, screwed       Pollution Dogree     3:2       Insulation resistanco min.	Commercial data	
ECLASS 8.0   27279218     ECLASS 9.0   27060311     ECLASS 9.0   27060311     ECLASS 1.1   27060311     ECLASS 9.0   EC001855     outsoms tufff number   8544290     GTIN   4048879731577     Packagn gunt   1     Electrical data   Supply      Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Operating reportection	ECLASS-6.0	27279218
ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       outsoms taiff number     8544290       GTIN     4048979731577       Packagn unt     1       Electrical data [Supply     Operating voltage AC max.       Operating voltage AC max.     30 V       Current oparating per contact max.     3 A       Diagnostics        Status indication LED     no       Installation I Connection        Mading cycles min.     100       Device protection I Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3/2       Insulation resistance min.     100 MO       Machanical data   Material data     Zon de-casting       Material condition protection degree     3/2       Insulation resistance min.     20n de-casting	ECLASS-7.0	27279218
ECLASS-10.1 27090311   ECLASS-12.0 27060311   ETM-5.0 EC001965   customs tariff number 85444290   GTIN 404887971577   Packaging unt 1   Effected data [Supply    Operating voltage DC max. 30 V   Diagnostics    Status indication LED no   Installation   Connection    Musting set M8 x 1   Mating cycles min. 100   Device protection   Electrical   Evaluation Degree 3/2   Tosation of third 100 NC   Mechanical data   Material data Control operation   Coating looking Nickleid   Coating looking Nickleid   Coating looking Nickleid   Coating of fitting nickleid plated   Looking anterial Zinc die-casting   Matrial screw connection Zinc die-casting   Matrial screw connection Sine dia screwed, Shaking protection   Environmental characteristics   Climatic Sol °C   Operating temperatur	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001895       customs tariff number     85444290       GTIN     4048679731577       Packaging unit     1       Electrical data [Supply     Control of the second data [Supply]       Operating voltage AC max.     30 V       Current operating per contact max.     3 A       Diagnostic     Control of the second data [Supply]       Operating voltage AC max.     30 V       Current operating per contact max.     3 A       Diagnostic     Control of the second data [Supply]       Mounting set     M8 x 1       Mating cycles min.     100       Device protection [Electrical     Control of the second data [Supply]       Insulation resistance min.     100 MQ       Mechanical data [Material data     Coating of filing       Coating of filing     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     Inserted, screwed, Shakking protection       De		27060311
ECLASS-12.0     27060311       ETIM-5.0     EC001855       oustoms tariff number     65444290       GTIN     4048879731577       Packaging unit     1       Electrical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     3 A       Diagnostice     Coperating voltage AC max.       Status indication LED     no       Installation [Concetion     Mounting set       Mouting set     M8 x 1       Mating cycles min.     100       Device protection [Electrical       Additional condition protoction degree     3/2       Insulation resistance min.     100 MQ       Mechanical data   Material data     Cocating of thing       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material screw connection     Zin die-casting       Material Screw connection     Zin die-casting       Mounting method     inserted, screwed, Shaking protection		
ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879731577       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     3 A       Diagnostics        Status indication LED     no       Installation   Connection        Mounting set     MB x 1       Mating cycles min.     100       Develop protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     32       Insulation resistance min.     100 MQ       Mechanical data   Material data        Coating of filting     nickel plated       Coating of filting     nickel plated       Coating of filting     nickel plated       Locking material     Zine di-exasting       Material screw connection     Zine di-exasting       Mounting method     inserted, screwed, Shaking protecton       Environmental characteri		
customs tariff number   85444290     GTIN   4048879731577     Packaging unit   1     Electrical data   Supply   Coperating voltage AC max.     Operating voltage AC max.   30 V     Current operating per contact max.   3 A     Diagnostice   Status indication LED     Status indication LED   no     Installation   Connection   M8 x 1     Mating cycles min.   100     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   3/2     Insulation resistance min.   100 MO     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connecton   Zinc die-casting     Material screw connecton is inserted, screwed, Shaking protecton   Environmental characteristics   Climatic     Operating temperature min.   -30 °C     Operating temperature min.   -30 °C     Operating te		
GTIN   4048879731577     Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   3 A     Diagnosites   Status indication LED   no     Installation   Connection   Max 1     Mating cycles min.   100     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3/2     Insulator of fitting   nickelpd     Coating locking   Nickelpd     Coating locking   Nickelpd     Coating locking   Nickelpd     Coating of fitting   nickel plated     Locking material   Znc die-casting     Material screw connection   Znc die-casting     Material screw connection   Znc die-casting     Material characteristics   Climatic   Operating temperature max.     Operating temperature main.   -30 °C     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Important instelplation notes		
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Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     3 A       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     Maxing cycles min.       Mounting set     M8 x 1       Mating cycles min.     100       Develop protection   Electrical     Maxing cycles min.       Additional condition protection degree     inserted, screwed       Pollution Degree     3/2       Insulation resistance min.     100 MΩ       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristis   Climatic     Operating temperature min.       Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature range </td <td></td> <td></td>		
Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     3 A       Diagnostics     Status indication LED       Status indication LED     no       Installation   Connection     Max 1       Mating cycles min.     100       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Poluting set     30 V       Mating cycles min.     100 MQ       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zine die-casting       Material screw connection     Zine die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Queriating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional		
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Diagnostics       Status indication LED     no       Installation   Connection     Max 1       Mounting set     M8 x 1       Mating cycles min.     100       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3r2       Insulation resistance min.     100 MΩ       Mechanical data   Material data     Inserted, screwed       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zine die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief     Protect the connectors by suitable		
Status indication LED     no       Installation   Connection     Mounting set     M8 x 1       Mating cycles min.     100     Device protection   Electrical       Additional condition protection degree     inserted, screwed     Pollution Degree     3/2       Insulation resistance min.     100 MΩ     Mechanical data   Material data       Coating of fitting     nickeled     Coating of fitting     Coating of fitting       Coating of fitting     nickel plated     Coating of fitting     Coating data   Mounting data       Mechanical data   Mounting data     Tinc die-casting     Mechanical data   Mounting data     Mounting method       Polyrating temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius     Attertion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		3 A
Installation   Connection       Mounting set     M8 x 1       Mating cycles min.     100       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3/2       Insulation resistance min.     100 MΩ       Mechanical data   Material data        Coating locking     Nickeled       Coating locking     Nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data        Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic        Operating temperature min.     -30 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Important installation notes        Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Diagnostics	
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Mating cycles min.   100     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3/2     Insulation resistance min.   100 MΩ     Mechanical data   Material data   Insulation resistance min.     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature min.   -30 °C     Operating temperature max.   80 °C     Additional condition temperature mage   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 endangered by excessive bending forces.	Installation   Connection	
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3/2       Insulation resistance min.     100 MΩ       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     80 °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 endangered by excessive bending forces.	Mounting set	M8 x 1
Additional condition protection degree   inserted, screwed     Pollution Degree   3/2     Insulation resistance min.   100 MΩ     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   80 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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.	Mating cycles min.	100
Pollution Degree   3/2     Insulation resistance min.   100 MΩ     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   80 °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 endangered by excessive bending forces.	Device protection   Electrical	
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Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   80 °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 bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Mechanical data   Material data	
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   80 °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 bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Coating locking	Nickeled
Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   80 °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 bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -30 °C     Operating temperature max.   80 °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 permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		•
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min30 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	Material screw connection	
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Operating temperature max.   80 °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.		-30 °C
Additional condition temperature range   depending on cable quality     Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
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.		
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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.		Protect the connectors by suitable measures from mechanical leads, e.g. by the users of cable tiss
endangered by excessive bending forces.		
Installation   Cable	Note on benaing radius	
	Installation   Cable	

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: 2024-06-26

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



wire arrangement	brown, white, black, blue, gray
Cable identification	695
Jacket Color	black
Amount stranding	1
Stranding	5 wires twisted
wire arrangement	brown, white, black, blue, gray
Material jacket	PUR
Outer-diameter (jacket)	4,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
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	4,8 A
Electrical resistance line constant wire	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	80 °C
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	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	7,5 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Travel speed (C-track)	3 m/s

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