

## M8 male 0° A-cod. with cable

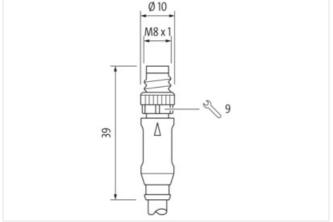
PVC 3x0.25 bk UL/CSA 5m

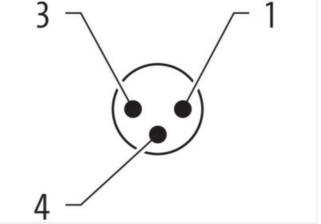
Art.No.: 7000-08001-6100500 Weight: 0.142 Country of origin: US Model designation: MSHL0-R610\_5.0

## Link to Product

Illustration

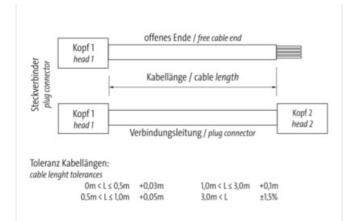


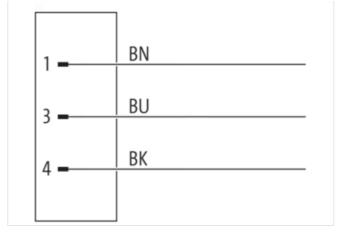




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-08







Product may differ from Image



Family construction formMaNo. of poles3CodingA	-
Coding A	
Gender ma	ale
Mounting method ins	serted, screwed
Thread Ma	18 x 1
3 3 1	4 Nm
Width across flats SV	W9
Cable outlet str	raight
suitable for corrugated tube (internal $\emptyset$ ) 6.	5 mm
Material PL	UR
	opper alloy
	old plated
Degree of protection (EN IEC 60529) IP	267, IP66K, IP65
Side 2	
Family construction form fre	ee cable end
Stripping length (jacket) 20	0 mm
Commercial data	
URL Webshop htt	ttps://shop.murrelektronik.com/7000-08001-6100500
GTIN 40	048879233682
ECLASS-6.0 27	7279218
ECLASS-6.1 27	7279218
	7279218
ECLASS-7.1 27	7279218
ECLASS-8.0 27	7279218
	7279218
ECLASS-9.0 27	7060311
ECLASS-9.1 27	7060311
ECLASS-10.0.1 27	7060311
	7060311
ECLASS-11.0 27	7060311
ECLASS-11.1 27	7060311

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: 2025-08-08



EAN         4048879233882           Electrical data   Supply            Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Diagnostics            Status indication LED         no           Installation   Connection            Device protection [Electrical            Device protection (EN IEC 60529)         IP67, IP66K, IP65           Additional constition protection degree         inserted, screwed           Pollution Degree         3           Additional constition protection degree         1.5 kV           Material group (IEC 6064-1)         1           Methal group (IEC 6064-1) <th>ECLASS-12.0</th> <th>27060311</th>	ECLASS-12.0	27060311
ECLASS 14 02000311ECIMS 0ECO01355ETIM 5.0ECO01355ETIM 5.0ECO01355ETIM 5.0ECO01355EAN404957233652Econol 15 SupplyECO01355Corrent operating voltage AC nax.50 VOperating voltage DC reax.60 VCorrent operating voltage DC reax.60 VElectrical data SupplyM8 x 1Balan indication LEDnoInstallation IConnectionM8 x 1Device protection FLECtricalHECDegree of protection (EN IEC 50024)1Device protection (EN IEC 50024)1Education data Maximum3Additional condition protection degree1National condition protection degree1Material corre (EC 60664-1)1Material corre (EC 6066	ECLASS-13.0	27060311
ETMA.6.0         EC001385           ETMA.6.0         EC001385           ETMA.7.0         EC001385           ETMA.8.0         EC001385           ETMA.8.0         EC001385           ETMA.8.0         EC001385           ETMA.8.0         EC001385           Etertical data [Supply         4048570233892           Etertical data [Supply         60 V           Current operating voltage DC max.         60 V           Degree optocolon [Electrical         mo           Degree optocolon [Electrical         Monting sed           Degree optocolon [Electrical         montodogree           Degree optocolon [Electrical         S           Montage voltage         1.5 KV           Montage voltage         1.5 KV           Material store ornection         Brass           Catalign of timing         notelei plated           Locking method         insterad. storewed. Shaking protection           Montage upper Locking on cable gualty         Catalign of timing regree		27060311
ETIM-7.0         ECO01885           ETIM-8.0         ECO01885           ETIM-8.0         ECO01885           Electrical ctal [Supply         50 V           Operating voltage PC max.         60 V           Current operating voltage PC max.         60 V           Diagnostic         60 V           Status indication IED         no           Installation I Connection         Max 1           Device protection [Electrical         Device protection [Electrical           Diagnostic         15 KV           Datage of protection [Electrical         Reseried, scewed           Dollation Oppere         3           Relating store protection [Electrical         Installation           Material group (IEC 60664-1)         1           Material group (IE	ETIM-5.0	
ETM-8.0         ECON BSS           EAN         404897923862           Electrical als Supply         Conversion yorkage AC max.         50 V           Operating voltage AC max.         60 V         Conversion yorkage DC max.         4 A           Disprosities         mo         Text Supply DC max.         60 V           Transitie Device Conversion Yorkage AC max.         4 A         Disprosities         Text Supply DC max.         60 V           Disprosities         mo         Text Supply DC max.         70 V         Text Supply DC max.         70 V           Device protection I Electrical         Device protection I Electrical         Device protection I Electrical         Text Supply DC max.         70 V           Degree of protection I Degree         3 Rest Supply Otage         1 S V         Text Supply DC MAX.         70 V           Material group (EC 6066-1)         1         1         Text Supply DC MAX.         70 V         70 V <td>ETIM-6.0</td> <td>EC001855</td>	ETIM-6.0	EC001855
EAN     4048879233682       Electrical data   Supply     International and a Communicational and a Communicational and a Communicational and and a Communicational and	ETIM-7.0	EC001855
Electrical data   Supply         Concenting variage AC max.         60 V           Operating voltage AC max.         60 V           Current operating per contact max.         4 A           Diagnotis         Internation LED           Status indication LED         no           Installation (Concetion         Internation Period Perio	ETIM-8.0	EC001855
Operating voltage AC max.50 VOperating voltage DC max.60 VCorrent operating por contact max.4DiagnosticsnStatus indication LEDnoInstallation I ConnectoriMax 1Device protection   ElectricalPVF.Device protection protection gene1967, IP68K, IP65Additonal condition protection degree3Rated surge voltage1.5 KVMaterial surge voltage1.5 KVMaterial surge voltage1.6 KVMaterial surge voltage voltag	EAN	4048879233682
Operating voltage DC max.         00 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation I Connection         Max 1           Device protection I Electrical         Installation I Connection           Device protection I Electrical         Inserted, screwed           Pollution Degree         1           Material group (EC 606641)         1           Mechanical data I Material data         Inserted, screwed           Material group (EC 606641)         1           Mechanical data I Material data         Inserted, screwed           Material group (EC 606641)         1           Mechanical data I Material data         Inserted, screwed, Shaking protection           Material group (EC 606641)         1           Mechanical data I Mounting data         Inserted, screwed, Shaking protection           Coaling of Itting         nickel plated           Coaling of Itting inserted, screwed, Shaking protection         Encomental characteristics Commet           Deparating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         86 °C           Additional condition emperature max.         86 °C           Note o	Electrical data   Supply	
Current operating per contact max.         4 A           Diagnostice         Status indication LED         no           Installation (Consontion         Installation (Consontion)         Installation (Consontion)           Device protection [Electrical         Energy protection (EN IEC 80529)         IP67, IP686, IP65           Additional constitution protection degree         3         Rated surge voltage         1.5 IV           Material group (IEC 60664+1)         1         Interview (IEC 60664+1)	Operating voltage AC max.	50 V
Diagnostics         selection (Exercise)           Instaliation (Connection)         M8 x 1           Device protection (Electrica)         M8 x 1           Device protection (Electrica)         Inserted, screwed           Additional condition protection degree         inserted, screwed           Polition Degree         3           Rated surge voltage         1.5 kV           Metanical dista (Material dista)         Material group (IEG 06064-1)           Metanical dista (Material dista)         Todic-extension           Metanical dista (Material dista)         Todic-extension           Metanical dista (Material dista)         Todic-extension           Coating of fitting         nickel plated           Coating of fitting         Incerted, screwed, Shaking protoction           Musterial dista (Mounting dista)         Incerted, screwed, Shaking protoction           Musterial dista (Mounting dista)         So Co-Coating Ioding           Musterial dista (Mounting dista)         So Co-Coating Ioding           Musterial dista (Mounting ettal)         So Co-Coating Ioding           Operating Iomperature max.         85 °C           Additional condition temperature reals         Soperaturg inversion (Dista Coating on cable qualify           International Coating radius         So Co-Coating Ioding inversion (Distore-Coating Ioding Ionin	Operating voltage DC max.	60 V
Status indication LED         no           Instilution [Connection         Max 1           Device protection [Electrical         Envice protection (Electrical           Degree of protection (Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (EC 60664-1)         I           Metrial group on the Connection         Brass           Coating of fitting         nickel plated           Coating of fitting         nicserted, screwed, Shaking protection	Current operating per contact max.	4 A
Installation   Connection         Max 1           Device protection   Electrical         Image of protection (Electrical           Degree of protection (Electrical         Image of protection (Electrical           Degree of protection (Electrical         Image of protection (Electrical           Deditional condition protection degree         Image of protection (Electrical           Pollution Degree         3           Rated surge voltage         1.5 kV           Material docu (Electrical         Image of protection (Electrical           Coating locking         Image of protection (Electrical           Coating locking         Nickled           Munting method         Image of protection (Electrical           Coating locking and (Electrical Climatic         Image of protection (Electrical           Munting method         Image of protection (Electrical Climatic           Coating locking and (Electrical Climatic         Image of protection (Electrical Climatic           Depreting temperature max.         85 °C           Additiona condition t	Diagnostics	
Mounting set         M8 x 1           Device protection [Electrical           Degree of protection (EN EC 60529)         IP67, IP66K, IP65           Additional condition protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material screw connection         Brass           Coating of fitting         nickel plated           Coating nothing data         nickel data           Mounting method         nisered, screwed. Shaking protection           Protection Installation notes         25 °C           Operating temperature max.         65 °C           Operating temperature max.         65 °C           Coating	Status indication LED	no
Device protection [Electrical           Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 KV           Material group (IEC 6068+1)         I           Material group (IEC 6068+1)         Inserted, screwed. Shaking protection           Coating difting         Inserted, screwed. Shaking protection           Exervicinal that characteristics [Climatic         Operating temperature max.           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by accessive bending forces.           Note on strain relief         Protect the connectors by	Installation   Connection	
Degree of protection (EN IEC 60528)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 KV           Material group (IEC 60664-1)         1           Mechanical data [Material data	Mounting set	M8 x 1
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Incomposition           Material group (IEC 60664-1)         1           Mechanical data   Material data         Incode casting           Coating of fitting         nickel plated           Locking material         Zinc disc casting           Coating locking         Nickeled           Mechanical data   Mounting data         Inco disc casting           Coating nethod         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating inserted, screwed, Shaking protection           Operating temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on bending radius         Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the conne	Device protection   Electrical	
Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Material screw connection           Brass         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating on cable quality           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Addition condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Environmental characteristics           Product standard         DIN EN 61076-2-104 (MB)           Installation [Cable         Cable identification           Cable identification         610 <td>Degree of protection (EN IEC 60529)</td> <td>IP67, IP66K, IP65</td>	Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Rated surge voltage         1.5 kV           Material group (EC 6066-1)         I           Material group (EC 6066-1)         Brass           Coating of fiting         nickel plated           Locking material         Zinc die-casting           Coating of fiting         Nickeled           Material screw connection         Brass           Coating of fiting         Nickeled           Material locking         Nickeled           Material properties         Environmental characteristics   Climatic           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Addition condition temperature range         depending on cable quality           Important installation notes         Environmental characteristics   Climatic           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.           Note on strain relief         DIN EN 61076-2-104 (M8)           Installation   Cable         DIN EN 61076-2-104 (M8)           Installation   Cable         Gable identification           G10         Cable identification           G10         Cable i	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)         I           Mechanical data   Material data         Material screw connection         Brass           Coating of fitting         nickel plated         Coating of fitting         Nickel plated           Locking material         Zine clie-casting         Coating locking         Nickeled           Mechanical data   Mounting data         Material screwed, Shaking protection         Stream (Stream (St	Pollution Degree	3
Mechanical data   Meterial data           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coaling locking           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         deplating on cable quality           Important installation notes         Sroce consections by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cotormity         Eduel of the fore-2-104 (M8)           Installation / Cable         610           Cable identification         610           Cable identification         1           Stranding         Vires           Wires         Siranding           Vires         Siranding           Outer diameter insulation         PVC           Cable weight         29.37 yim	Rated surge voltage	1.5 kV
Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature range         depending on cable quality         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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Endelentification         610           Cable forpe         1         Amount stranding           Amount stranding         1         Stranding           Wires         Wires         Wires           Wire insulation         92.93 rg/m         Additerial wire insulation           Operating temperature insulation         PVCC         Amount stranding         1	Material group (IEC 60664-1)	
Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climattic         Coating temperature main.           Operating temperature max.         85 ° C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation   Cable           Cable identification         610           Cable identification         610           Cable right         29.37 g/m           Mire arrangement         brown, black, blue           Cable weigh         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Locking material         Zinc die-casting           Coating locking         Nickeled           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation   Cable           Installation   Cable         Cable Identification           Cable Identification         610           Cable Identification         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable wighh         29.37 g/m           Material wire insulation         94           Quet diameter insulation <td< td=""><td>Material screw connection</td><td>Brass</td></td<>	Material screw connection	Brass
Coating locking         Nickeled           Mechanical data   Mounting data         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         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation   Cable           Product standard         DIN EN 61076-2-104 (M8)           Installation   Cable         610           Cable identification         610           Cable Identification         610           Cable rype         1           Amount stranding         1           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm	Coating of fitting	nickel plated
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation [ Cable           Product standard         DIN EN 61076-2-104 (M8)           Installation [ Cable         Ease identification           Cable identification         610           Cable identification         610           Cable identification         910           Wires         Wires           Wire arrangement         brown, black, blue           Cable weight         29.37 g/m           Material wire insulation         PVC           Amount wires         3	Locking material	Zinc die-casting
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Column (Column)           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation I Cable           Product standard         DIN EN 61076-2-104 (M8)           Installation I Cable         Installation I Cable           Cable identification         610           Cable identification         1           Mires         Stranding           Wires         Wires           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm	Coating locking	Nickeled
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation   Cable           Product standard         DIN EN 61076-2-104 (M8)           Installation   Cable         Installation   Cable           Cable identification         610           Cable identification         610           Cable Type         1           Arrount stranding         1           Wirea arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Arount wires         3           Outer diameter insulation         1.25 mm	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature magedepending on cable qualityImportant installation notesAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityInstallation   CableProduct standardDIN EN 61076-2-104 (M8)Installation   Cable610Cable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulation9Outer diameter insulation1.25 mm	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Installation   Cable           Cable identification         610           Cable identification         610           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm	Environmental sharestation (Alternate	
Additional condition temperature range       depending on cable quality         Important installation notes       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Conformity       Product standard       DIN EN 61076-2-104 (M8)         Installation   Cable       Cable identification       610         Cable identification       610       Cable Identification         Stranding       Wires       Vires         Wire arrangement       brown, black, blue       29.37 g/m         Material wire insulation       PVC       Amount wires       3         Outer diameter insulation       1.25 mm       Contervity	Environmental characteristics   Climatic	
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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Product standard           Installation   Cable         DIN EN 61076-2-104 (M8)           Cable identification         610           Cable identification         610           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         3           Outer diameter insulation         1.25 mm	· · ·	-25 °C
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityInstallation   CableInstallation   CableOIN EN 61076-2-104 (M8)Cable identification610Cable identification610Cable identification1Stranding1WiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulation3Outer diameter insulation1.25 mm	Operating temperature min.	
Note on bending radiusendangered by excessive bending forces.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.ConformityInstallation   CableInstallation   Cable610Cable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulation3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max.	85 °C
ConformityProduct standardDIN EN 61076-2-104 (M8)Installation   CableCable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range	85 °C
Product standardDIN EN 61076-2-104 (M8)Installation   CableCable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   CableCable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief	85 °C depending on cable quality Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)
Wire arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable Cable identification	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610
Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable Cable identification Cable Type	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1
Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable Cable identification Cable Type Amount stranding Stranding	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         1         Wires
Amount wires     3       Outer diameter insulation     1.25 mm	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         Wires         brown, black, blue
Outer diameter insulation     1.25 mm	Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement         Cable weigth	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         Wires         brown, black, blue         29.37 g/m
	Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on bending radius Note on strain relief Conformity Product standard Installation   Cable Cable identification Cable Type Amount stranding Stranding Wire arrangement	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         Vires         brown, black, blue         29.37 g/m         PVC
Outer diameter tolerance core insulation ± 0.05 mm	Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement         Cable weigth         Material wire insulation	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         Vires         brown, black, blue         29.37 g/m         PVC
	Operating temperature min.         Operating temperature max.         Additional condition temperature range         Important installation notes         Note on bending radius         Note on strain relief         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Amount stranding         Stranding         Wire arrangement         Cable weigth         Material wire insulation         Amount wires	85 °C         depending on cable quality         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         DIN EN 61076-2-104 (M8)         610         1         Wires         brown, black, blue         29.37 g/m         PVC         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: 2025-08-08



Shore hardness wire insulation	45
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Amount strands (wire)	14
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	4.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter

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: 2025-08-08