

## M8 male 0° A-cod. with cable

PVC 3x0.25 ye UL/CSA 1.5m

Art.No.: 7000-08001-0100150

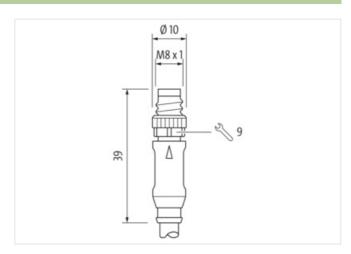
Weight: 0.048 Country of origin: US

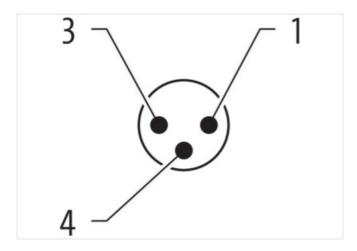
Model designation: MSHL0-R010\_1.5

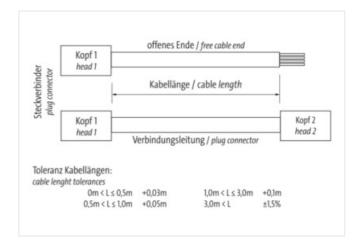
## **Link to Product**

## Illustration

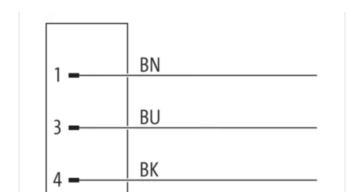












Product may differ from Image













Side 1	
Family construction form	M8
No. of poles	3
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal Ø)	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-08001-0100150
GTIN	4048879234276
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060311
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-08



stay connected

ECLASS-120 27900311 ECLASS-130 27900311 ECLASS-140 27900311 ECLASS-140 EC001805 ETIM-6.0 EC001805 ETIM-6.0 EC001805 ETIM-7.0 EC001805 ETIM-7.0 EC001805 ETIM-7.0 EC001805 ETIM-8.0 EC001805 ETIM		
ECLASS 14 0         27000315           ETIM-6.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           EAN         4048978294270           Electrical data   Supply         Operating voltage AC max.         50 V           Operating voltage AC max.         4 A           Correct operating per contact max.         4 A           Installation   Contact max.         4 A           Installation   Contact max.           M8 x 1           Device protection   Electrical           Improved (Electrical)           Improved (Electrical)           Pergue of protection (Electrical)           Improved (Electrical)           Pergue of protection (Electrical)           Improved (Electrical)           Pergue of protection (Electrical)           Pergue of protection (Electrical)           Pergue of protection (Electrical)           Improved (Electrical)           Pergue of protection (Electrical)           Pergue of protection (Electrical)		
ETIM-5 0         ECX01855           ETIM-6 0         ECX01855           ETIM-7 0         ECX01855           ETIM-8 0         ECX01855           ETIM-8 0         EXX01855           ETIM-8 0         404878234276           Exercised data   Supply           Operating voltage AC max.         50 V           Operating voltage PC max.         60 V           Current operating per contact max.         4 A           Unrent operating per contact max.         4 A           Power operating per contact max.         4 A           Degree of protection (ECX IECX 00000)         Max 1           Degree of protection (EN IECX 000000)         PEPS I. PSBK, IPSB           Additional condition (EN IECX 0000000)         3 A           Material group voltage voltage voltage voltage voltage voltag		
ETM-6.0         EC001865           ETM-8.7.0         EC001865           ETM-8.0         EC001865           EAN         4048879234276           Electrical of Isupply         Commany orlolage AC max.         50 V           Operating voltage AC max.         60 V           Cornet operating or contact max.         4 A           Description of Commental max.         4 A           Installation [Connection         M8 x 1           Device protection [Electrical Isupply or protect		
ETIMA 7.0         EC001855           ETIMA 8.0         EC001855           EAN         404878234276           Electrical data   Supply         Poperating voltage AC max.           Operating voltage PC max.         60 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Disagnostics         Statis indication LED         no           Installation   Connection         Move 1           Mounting set         Mx 1           Degree of protection   Electrical         Vision (Electrical Statistics)           Degree of protection (EN IEC 60529)         IP67, IP68K, IP65           Additional condition protection degree         18 Exercised Statistics (Electrical Statistics)           Pollution Degree         3           Rades surge voltage         1, EW           Michanical Statistics (Electrical Statistics)         Image: Electrical Statistics (Electrical Statistics)           Mounting method         Inscited Statistics (Electrical Statistics)           Mounting method         Inscited Statistics (Electrical Statistics)           Mounting method         Inscited Strewed, Shaking protection           Environmental characteristics   Climatic         Control           Poperating temperature mix.         25 °C		
ETM 8 0         EC001858           EAN         4048878234276           Exercical data   Supply         Federating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating proteogram are accorded max.         4 A           Display of the proteogram		
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Part		
Operating voltage AC miax.         50 V           Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         MS x 1           Degree of protection [ENIECG 60529)         IP67, IP66K, IP65           Additional condition protection degree         1.5 kW           Mactinal group (IECG 60641)         1           Mechanical data   Material data           Material group (IECG 60641)         1           Mechanical data   Material data           Material group (IECG 60641)         1           Mechanical data   Material data           Material group (IECG 60641)         1           Mechanical data   Material data           Material group (IECG 60641)         1           Method (IECG 60641)           Material grown (IECG 60641)         2           Muterial grown (IECG 60641)         2           Material grown (IECG 60641) </td <td></td> <td>4048879234276</td>		4048879234276
Operating voltage DC max.         60 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection         M8 x 1           Degree of protection   Electrical         Degree of protection   Electrical           Degree of protection   Energy of protection of protection of organic inserted, screwed         Poblishin Daggor         3           Additional condition protection of organic inserted, screwed         Poblishin Daggor         3           Rated surge voltage         1.5 kV           Material surge voltage         1.5 kV           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc de-casting           Coating of fitting         nickel plated           Locking material         Zinc de-casting           Coating of fitting         nickel plated           Mechanical data   Mounting data         Mickeled           Mechanical data   Insurance of the partition of protection		
Current operating per contact max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection         Weather Mark 1           Mounting set         M8 x 1           Device protection   Electrical           Degree of protection (EN IEC 60829)         IPS7, IPS6K, IPS5           Additional condition prolection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60684-1)         1           Mechanical datal Meterial date           Material screw connection         Brass           Coating of litting         nickle plated           Locking material         Prass           Mechanical datal Mounting data           Well colspan="2">Note on the protection of datal Mounting data           Environmental Characteristics [Climatic           Environmental Characteristics [Climatic         Protect the protection of colspan="2">Associated at a protection of colspan="2">Associated protection of colspan="2">Associa		
Diagnostics           Status indication LED         no           Installation   Connection         M8 x 1           Degree of protection   Electrical         Degree of protection (EN IEC 60529)         IP67, IP66K, IP65           Additional condition protection degree         inserted, screwed           Pollution Degree         3         Reset of surge voltage           Material surge voltage         1.5 kV           Material surge voltage         1.5 kV           Material surge voltage         Press           Mechanical datal Meterial date         Image: Press state of state		
Status indication LED no  installation   Connection  Mounting set Ms x 1  Degree of protection   Electrical   M8 x 1  Degree of protection (EN IEC 80529)   IP67, IP66K, IP65 Additional condition protection degree   inserted, screwed   Pollution Degree   1,5 kV    Material group (IEC 80684-1)   I  Mechanical data   Material data   Material data   Mechanical data   Material data   Mechanical data   Material data   Mounting method   inserted, screwed, Shaking protection   Degrating temperature min.   28 °C   Degrating temperature max.   25 °C   Degrating temperat	Current operating per contact max.	4 A
Installation   Connection           Mounting set         M8 x 1           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 60664-1)         1           Mechanical data   Material data         Macerial screw connection         Brass           Coating of fitting         nickel plated           Locking material         2 inc die-casting           Coating of toking         nickel plated           Locking material         2 inc die-casting           Coating toking         Nickeled           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Protection (assert screwed)           Operating temperature min.         -25 °C           Operating temperature max         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Aftention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Note on strain relief <td>Diagnostics</td> <td></td>	Diagnostics	
Mounting set M8 x 1  Pevice 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 60664+1)   1  Mcchanical data   Material data  Material screw connection Brass Coating of litting   nickel plated Locking material   Zinc dis-casting Coating of litting   Nickeled  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Operating temperature max. 85 °C  Operating temperature max. 86 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius Affantion: 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 (MB)  Installation   Cable   Pyce  Cable identification   010  Cable Type 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weight 29.37 g/m  Material wire insulation   PVC  Amount wires 3  Outer diameter insulation   1.25 mm  Outer diameter tolerance core insulation   1.25 mm  Outer diameter tolerance core insulation   1.25 mm	Status indication LED	no
Degree of protection   Electrical  Degree of protection (EN IEC 60529)	Installation   Connection	
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 60664-1) I Mechanical data   Material data Material screw connection Brass Coating of litting nickel plated Locking material Zinc die-casting Coating locking Nickeled Mechanical data   Munting data Munting 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  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 61076-2-104 (MS)  Installation   Cable Cable (Ingelia)   3 wires stranded Wire arrangement brown, black, blue Cable viergin   3 wires stranded Wire arrangement brown, black, blue Cable wight   23,37 g/m Material wire insulation PVC Amount wires   3 Outer diameter tolerance core insulation   1,25 mm Outer diameter tolerance core insulation   2,05 mm	Mounting set	M8 x 1
Additional condition protection degree inserted, screwed  Politation Degree 3  Rated surge voltage 1.5 kV  Material group (IEC 60684-1) 1  Mcchanical data   Material data  Material screw connection Brass  Coating of fitting nickel plated  Locking material Zinc die-casting  Coating locking Nickeled  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating 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.  Conformity  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable dindification 010  Cable Type 1  Armount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigh 29.37 g/m  Material wire insulation 1.25 mm  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation 4.005 mm	Device protection   Electrical	
Pollution Degree         3           Rated surge voltage         1.5 kV           Material group (IEC 60664-1)         I           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           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         45 °C           Additional condition temperature max.         45 °C           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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Cable Type         1           Cable Items         1           Cable Items         1           Cable Type         1           Cable Type         1	Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Rated surge voltage         1.5 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         Mechanical data   Material data           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating oloking         Nickeled           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental Characteristics   Climatic         Environmental characteristics   Climatic           Operating temperature max.         45 °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.           Condmity         Installation   Cable           Cable identification         010           Cable identification         010           Cable identification         010           Cable identification         011           Cable weight         29.37 g/m	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1) I I  Mechanical data   Material data  Material screw connection Brass Coating of fitting nickel plated Cocking material Zinc disc-easting Coating locking Nickeled  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature man. 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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable   Cable identification 010  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm	Pollution Degree	3
Material data   Material data           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Coating locking         Nickeled           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         85 °C           Additional condition temperature range         85 °C           Additional condition temperature range         Protect transcription of 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         Installation   Cable           Cable identification         010           Cable identification         010           Cable weigh         3 wires stranded           Wire arrangement         brown, black, blue	Rated surge voltage	1.5 kV
Material screw connection Brass Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °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.  Contormity  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable Cable identification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Material group (IEC 60664-1)	I
Coating of fitting         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mickeled           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating 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         Protect standard         DIN EN 61076-2-104 (M8)           Installation   Cable         Cable identification         010           Cable identification         010         Cable identification         010           Cable Type         1         Amount stranding         1           Stranding         3 wires stranded           Wire arrangement         brown, black, blue           Cable weigth <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Locking material Zinc die-casting Coating locking Nickeled  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating 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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable dietification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Material screw connection	Brass
Coating locking         Nickeled           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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Installation   Cable	Coating of fitting	nickel plated
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Locking material	Zinc die-casting
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating 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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification 010  Cable ifype 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter tolerance core insulation ± 0.05 mm	Coating locking	Nickeled
Environmental characteristics   Climatic  Operating temperature min25 °C  Operating 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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Mechanical data   Mounting data	
Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius 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 DIN EN 61076-2-104 (M8)  Installation   Cable Cable identification 010 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Wire arrangement Drown, black, blue Cable weigth Drown, black, blue Cable weigth PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation  2-25 °C  depending on cable quality Depending on permissible bending radii when laying cables, as the IP protection class can be endangered by permissible pending forces.  Note on strain relief Depending on strain permissible pending forces.	Mounting method	inserted, screwed, Shaking protection
Operating 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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable Cable identification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Environmental characteristics   Climatic	
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  Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification 010  Cable Type 1  Amount stranding 1 Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation ± 0.05 mm  Outer diameter tolerance core insulation ± 0.05 mm	Operating temperature min.	-25 °C
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  DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification  010  Cable Type  1  Amount stranding  1  Stranding  3 wires stranded  Wire arrangement  brown, black, blue  Cable weigth  29.37 g/m  Material wire insulation  PVC  Amount wires  3  Outer diameter insulation  1.25 mm  Outer diameter tolerance core insulation  ± 0.05 mm	Operating temperature max.	85 °C
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 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Additional condition temperature range	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.  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 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Important installation notes	
Conformity       Product standard     DIN EN 61076-2-104 (M8)       Installation   Cable       Cable identification     010       Cable Type     1       Amount stranding     1       Stranding     3 wires stranded       Wire arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     ± 0.05 mm		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 61076-2-104 (M8)       Installation   Cable       Cable identification     010       Cable Type     1       Amount stranding     1       Stranding     3 wires stranded       Wire arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     ± 0.05 mm	Note on strain relief	
Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Conformity	
Cable identification 010  Cable Type 1  Amount stranding 1  Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	•	DIN EN 61076-2-104 (M8)
Cable identification         010           Cable Type         1           Amount stranding         1           Stranding         3 wires stranded           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm	Installation   Cable	
Cable Type         1           Amount stranding         1           Stranding         3 wires stranded           Wire arrangement         brown, black, blue           Cable weigth         29.37 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm		010
Amount stranding 1 Stranding 3 wires stranded Wire arrangement brown, black, blue Cable weigth 29.37 g/m Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm		
Stranding 3 wires stranded  Wire arrangement brown, black, blue  Cable weigth 29.37 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm		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  Outer diameter tolerance core insulation ± 0.05 mm	Stranding	3 wires stranded
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm		brown, black, blue
Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Cable weigth	29.37 g/m
Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 0.05 mm	Amount wires	3
	Outer diameter insulation	1.25 mm
Shore hardness wire insulation 45	Outer diameter tolerance core insulation	± 0.05 mm
	Shore hardness wire insulation	45

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



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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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