

## M8 male 0° A-cod. with cable

PVC 4x0.25 ye UL/CSA 1.5m

Art.No.: 7000-08011-0110150

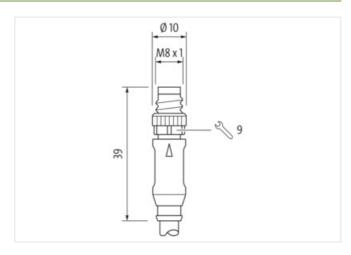
Weight: 0.056 Country of origin: US

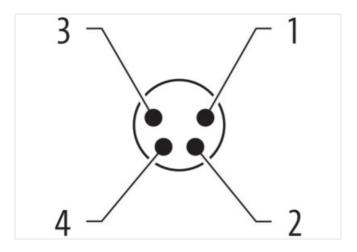
Model designation: MSHL0-T011\_1.5

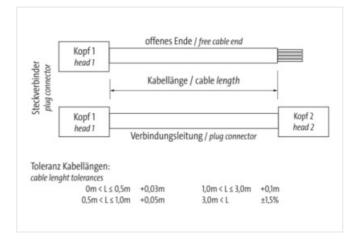
## **Link to Product**

## Illustration

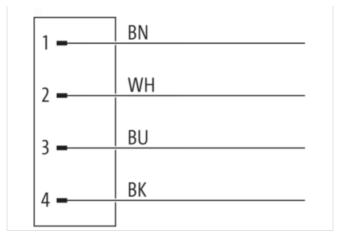












Product may differ from Image













Side 1	
Family construction form	M8
No. of poles	4
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/7000-08011-0110150
GTIN	4048879233378
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

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



stay connected

ECLASS 13.0         27060311           ECLASS 14.0         27060311           ECLASS 14.0         27060311           ETIM-5.0         EC001855           ETIM-8.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001855           ETIM-9.0         EC001850           ETIM-9.0		
EGLASS 14-0         27000311           ETIM-6-0         EC001855           ETIM-6-0         EC001855           ETIM-7 0         EC001855           ETIM-8 0         EC001855           ETIM-8 0         EC001855           ETIM-8 0         EC001855           ENA         4048879233378           Electrical data   Supply         Operating young A C max.         50 V           Operating young A C max.         4 A           Obgrading per contact max.         4 A           Institution   Contact max.           Max x modistance   Contact max.           Max x modistance   Contact max.           Max x modistance   Contact max.           Production   Electrical           Additional confliction protection degree           Pollution Degree         3           Related surge voltage         1,5 VV           Maximal protection data frame           Maximal protection data frame           TPU U           Maximal data   Maximal d	ECLASS-12.0	27060311
ETIMA 5.0         EC001855           ETIMA 7.0         EC001855           ETIMA 8.0         EC001855           ETIMA 8.0         EC001855           ETIMA 8.0         404878233378           Electrical datal Supply         February 100 porturing voltages AC max.           Operating voltages DC max.         60 V           Current operating per contact max.         4 A           Disposation         Total Control Co		
ETIMA 6.0         ECO01855           ETIMA 7.0         ECO01855           ETIMA 7.0         ECO01855           ETIMA 7.0         ECO01855           ETIMA 7.0         ECO01855           EAN         449878233378           Electrical data   Supply         50 V           Operating voltage AC max.         50 V           Operating portage per contact max.         4 A           Displacatios         Status indication LED           Installation   Connection         Installation   Connection           Mounting set         MB x 1           Device prosection   Electrical         Jack Projection   Electrical           Additional condition protection degree         15 W           Pollution Degree         3           Rated surge voltage         1.5 KV           Mechanical data   Material data         Markerial group (IEC 96684-1)           Mechanical data   Material data         True   Markerial group   Markerial gro		
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Status indication LED no  institution   Connection  Mounting set Ms x 1  Additional condition protection degree inserted, screwed  Pollution Degree 3  Alterial screw pollution   Connection    Material group (IEC 60684+1) 1  Mechanical data   Material data  Material connection protection   PPU  Material group (IEC 60684+1) 7  Material connection   PPU  Material group (IEC 60684+1) 8  Material connection   PPU  Material group (IEC 60684+1) 8  Material connection   PPU  Material screw connection   Prus  Material group (IEC 60684+1) 8  Material screw connection   Prus  Material screw connection   Prus  Material screw connection   Prus  Material screw connection   Prus  Coating of fitting   nickel plated   Locking material   Natural   Natural   Locking material   Natural   Prus  Mounting method   niserted, screwed, Shaking protection    Mounting method   Natural   Prus  Mounting method   Prus  Poparating temperature min.   25 °C  Operating temperature min.   25 °C  Operating temperature max   85 °C  Additional condition temperature rang   depending on cable quality  Mounting adulus   Attention: Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Note on strain relief   Prus (Coserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contemity  Product slandard   DIN EN 61076-2-104 (M8)    Installation   Cable   Prus  Cable identification   Cable   Prus  Cable identification   Cable   Prus  Cable identification   Prus  Cable identificatio	Current operating per contact max.	4 A
Installation   Connection         M8 x 1           Device protection   Electrical         M8 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kW           Material group (IEC 60664-1)         1           Mechanical data   Material data         Webenatical data   Material data           Material contact carrier         TPU           Material screw connection         Brass           Coating of fitting         nickel plated           Locking material         Zinc die casting           Coating of String         Nickeled           Mechanical data   Mounting data         Mechanical data   Mounting data           Environmental characteristics   Climatic         Very Coperating temperature min.         25 °C           Operating temperature min.         25 °C         Querating temperature min.         45 °C           Operating temperature min.         45 °C         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.           Vote on strain relief         Protect the connectors by suitable mea	Diagnostics	
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Device protection   Electrical   Additional condition protection degree   inserted, screwed   Pollution Degree   3   Additional condition protection degree   1.5 kW   Material group (IEC 60664-1)	Installation   Connection	
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Material screw connection         Brass           Coating of fitting         nickle plated           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.         35 °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         Product standard           Installation   Cable           Cable identification         011           Cable Type         1           Amount stranding         1           Vires arrangement         brown, black, blue, white           Cable weigth         34.76 g/m           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1.25 mm	Mechanical data   Material data	
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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 identification 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  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   Cable (Installation   Cable (Installation   Cable   Cable (Installation   Cable (Installation   Cable (Installation   Cable   Cable (Installation   Cable (Installation   Cable (Installation   Cable (Installation   Cable (Instal	Coating of fitting	nickel plated
Mechanical data   Mounting method inserted, screwed, Shaking protection    Environmental characteristics   Climatic	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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wires  Wires  Wires  Wires  Wires  Wire arrangement brown, black, blue, white  Cable weight 34.76 g/m  Material wire insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Coating locking	Nickeled
Environmental characteristics   Climatic  Operating temperature min. Operating temperature max. Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius 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 O11 Cable Type 1 Amount stranding Vires  Wires  Wires  Wires  Wire arrangement Dabe Nown, black, blue, white Cable weigth Material wire insulation PVC Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 2.05 mm	Mechanical data   Mounting data	
Operating temperature min.  Operating temperature max.  As °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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wires  Wires  Mire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  Outer diameter tolerance core insulation ± 0.05 mm	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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  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  O11  Amount stranding  1  Stranding  Wires  Wire arrangement  brown, black, blue, white  Cable weigth  34.76 g/m  Material wire insulation  PVC  Amount wires  4  Outer diameter rolerance core 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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Additional condition temperature range	depending on cable quality
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Product standard DIN EN 61076-2-104 (M8)  Installation   Cable  Cable identification 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  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 011  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue, white  Cable weigth 34.76 g/m  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm	Conformity	
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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	4
	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)	4.8 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	3.6 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