

M8 female 0° A-cod. with cable

PUR 4x0.25 ye UL/CSA+drag ch. 1.5m

Art.No.: 7000-08061-0310150

Weight: 0.049 kg Country of origin: US

Model designation: MSFL0-T031_1.5

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Female straight

M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

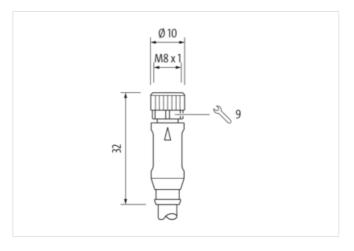
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

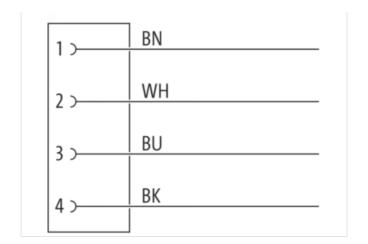
Illustration

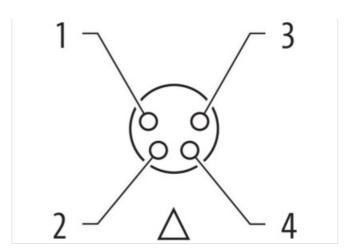


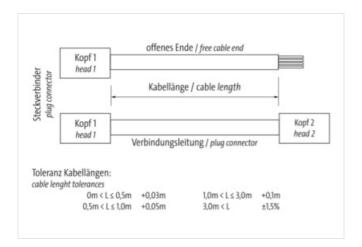


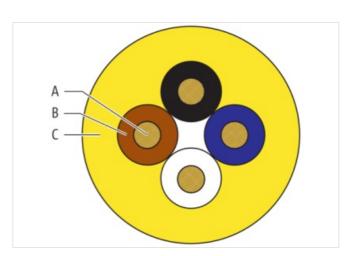


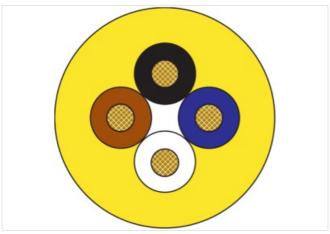
stay connected











Product may differ from Image













-	00	м	•	г
	ca	u	C	Ł

Material short text MSFL0-T031_1.5

Cable length 1,50 m

Side 1



stay connected

Stripping length (jacket) 20 mm	Family construction form	M8
Desiring		
Service Female Mounts Mark		
Inserted		
Timeated Info Fightening Torque 0,4 Mm		
Tightening torque		· · · · · · · · · · · · · · · · · · ·
SW9		
Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Valerial contact Coppor alley Coating contact gold plated Degree of protoction (EN IEC 60529) IPP7, PRØK, IPØ5 Side 2 Family construction from With open ended wires Sirriging length (facket) 20 mm Commercial data JPH, Webshop https://shop.murrelektronk.com/7000-08061-0310150 STN 40488793015S CLASS 6.0 227279218 CLASS 7.0 27279218 CLASS 7.1 27279218 CLASS 7.1 27279218 CLASS 8.0 27279218 CLASS 9.0 27060311 CLASS 9.0 27060311 CLASS 9.0		
Martina PUR		
Material PUR Valetrial contact Copper alloy Sociating contact gold plated Degree of protection (EN IEC 60529) IPG7, IPG6K, IPB5 Side 2		-
Material contact		
Page of protection (EN IEC 60529)		
Pegre of protection (EN IEC 80528) Pe7, IP66K, IP65		
Side 2 With open ended wires Simping length (jacket) 20 mm Commercial dats Very Commercial dats JRL Webshop https://shop.murrelektronik.com/7000-08061-0310150 STIN 4048679220155 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27279218 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-15.0 27060311 ECLASS-16.0 27060311 ECLASS-17.0 27060311 ECLASS-18.0 27060311 ECLASS-19.0 27060311 ECLASS-19.0 27060311 ECLASS-10.0 ECO01		
Family construction form With open ended wires		IP67, IP66K, IP65
Stripping length (jacket) 20 mm	Side 2	
Commercial data Intips://shop.murrelektronik.com/7000-08061-0310150 STIN 4048879230155 ECLASS-6.0 27729218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-18.0 27060311 ECLASS-19.0 EC001855 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 EVA A048879230155 Pack	Family construction form	With open ended wires
A	Stripping length (jacket)	20 mm
### STIN ###	Commercial data	
### STIN ###	URL Webshop	https://shop.murrelektronik.com/7000-08061-0310150
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-15.0 ECO01855 ETIM-7.0 ECO01855 ETIM-8.0 ECO01855 ETIM-8.0 ECO01855 ETIM-9.0 ECO018	GTIN	
ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-15.0 ECO01855 ETIM-7.0 ECO01855 ETIM-8.0 ECO01855 ETIM-8.0 ECO01855 ETIM-9.0 ECO018	ECLASS-6.0	27279218
ECLASS-7.0 2729218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 ECO01855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC001855 ETIM-9.0 EC001855 ETIM-9.0 EC001855 ETIM-9.0 EC001855 EDIM-9.0 EC001855 EDI		27279218
ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.0.1 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 1 27060311 ECLASS-14.0 1 27060311 ECLASS-14.0 27060311 ECLASS-15.0 27060311 ECLASS-16.0 27060311 ECLASS-17.0 27060311 ECLASS-18.0 27060311 ECLAS-18.0 27060311 ECLASS-18.0 27060311 ECLASS-18.0 27060311 ECLAS-18.0 2706031 ECLASS-18.0 2706031 ECLASS-18.0 2706031 ECLASS-18.0		
ECLASS-8.0 27279218 ECLASS-9.1 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 ECURSS-14.0 ECURSS-14.0 ECURSS-14.0 ECURSS-15.0 ECURSS-15.0 ECURSS-16.0 ECURSS-16.0 ECURSS-17.0 ECURSS-17		
ECLASS-8.1 27279218 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 10 ECO01855 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC0		
ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 ECLASS-15.0 EC001855 ETIM-6.0 EC001855 ETIM-8.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 ETIM-9.0 EC0018		
ECLASS-9.1 27060311 ECLASS-10.0.1 27060311 ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 EC001855 ETIM-5.0 EC001855 ETIM-5.0 EC001855 ETIM-7.0 EC01855 ETIM-7.0 EC01855 ETIM-8.0 EC001855 ETIM-8.0 EC001855 EXAM 4048879230155 Packaging unit 1 Electrical data Supply Deparating voltage AC max. 50 V Deparating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1		
ECLASS-10.0.1 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 ECUNESS ETIM-5.0 ECUNESS ETIM-6.0 ECUNESS ETIM-7.0 ECUNESS ETIM-7.0 ECUNESS ETIM-7.0 ECUNESS ETIM-7.0 ECUNESS ETIM-8.0 ECUNESS ETIM-8.0 ECUNESS ETIM-8.0 ECUNESS ETIM-8.0 ECUNESS EXAM 4048879230155 Packaging unit 1 Electrical data Supply Deparating voltage AC max. 50 V Deparating voltage DC max. 60 V Diagnostics Estatus indication LED No Installation Connection Mounting set M8 x 1		
ECLASS-10.1 27060311 ECLASS-11.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 ECLASS-14.0 EC01855 ETIM-6.0 EC01855 ETIM-7.0 EC01855 ETIM-7.0 EC01855 ETIM-7.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 EC01855 ETIM-9.0 EC01855 ETIM		
ECLASS-11.0 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 EC001855 ETIM-6.0 EC01855 ETIM-7.0 EC01855 ETIM-8.0 EC01855 ETIM-8.0 1 EC01855 EXAM 1048879230155 Packaging unit 1 1 Electrical data Supply Deparating voltage AC max. 50 V Deparating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1		
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 ECU1855 ETIM-6.0 EC001855 ETIM-7.0 EC01855 ETIM-7.0 EC01855 ETIM-8.0 EC001855 EXAM 4048879230155 Packaging unit 1 Electrical data Supply Deparating voltage AC max. 50 V Deparating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Estatus indication LED No Mounting set M8 x 1		
ECLASS-12.0 27060311 ECLASS-13.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 EXAMPLE AND		
ECLASS-13.0 27060311 ECLASS-14.0 27060311 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 EXIM-8.0 EC00185 EXIM-8.0 EC001		
ECLASS-14.0 27060311 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 EXEMPTION BECO01855 EXAMPTION BECO0185 EXA		
ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 EURIN-7.0 EC001855 EURIN-8.0 EC00185		
ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 customs tariff number 85444290 EAN 4048879230155 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1		
ETIM-7.0 EC01855 ETIM-8.0 EC001855 Exustoms tariff number 85444290 EAN 4048879230155 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1		
ETIM-8.0 EC001855 customs tariff number 85444290 EAN 4048879230155 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1		
EAN 4048879230155 Packaging unit 1 Electrical data Supply Departing voltage AC max. 50 V Departing voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1	ETIM-8.0	
Packaging unit Electrical data Supply Operating voltage AC max. Operating voltage DC max. Current operating per contact max. Diagnostics Status indication LED No Installation Connection Mounting set 4 048879230155 1 1		
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Mounting set M8 x 1	EAN	
Operating voltage AC max. Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Wounting set M8 x 1	Packaging unit	
Operating voltage AC max. Operating voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Wounting set M8 x 1	Electrical data Supply	
Departing voltage DC max. 60 V Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Wounting set M8 x 1		50 V
Current operating per contact max. 4 A Diagnostics Status indication LED No Installation Connection Wounting set M8 x 1		
Diagnostics Status indication LED No Installation Connection Wounting set M8 x 1		
Status indication LED No Installation Connection Mounting set M8 x 1		
Installation Connection Mounting set M8 x 1		Ni.
Mounting set M8 x 1		NO
•		
Device protection Electrical	Mounting set	M8 x 1
	Device protection Electrical	



stay connected

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)	
Mechanical data Material data	
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Material gasket	FKM
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
·	0.5 0.0
Operating temperature min.	-25 °C
Operating temperature max. Additional condition temperature range	85 °C
	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	EN/IEC 61076-2-104 (M8)
Installation Cable	
Cable identification	031
Cable Type	3
Amount stranding	1
Stranding	4 wires stranded
Wire arrangement	brown, black, blue, white
Cable weigth	30 g/m
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4

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: 2025-12-14



Current load capacity min. wire	3,6 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min