

## M8 male 0° / M8 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 10m

Art.No.: 7000-89401-6341000

Weight: 0.339 Country of origin: CZ

Model designation: MSFL0-H-T634 10.0

**EtherCAT** 

Male straight - female straight

M8 - M8, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

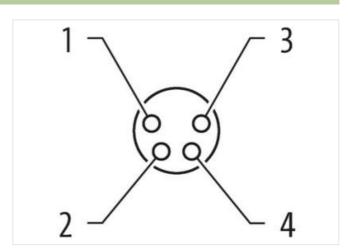
The resistance to aggressive media should be individually tested for your application. Further details on request.

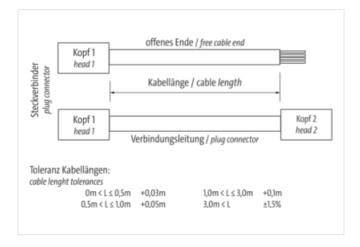
Further cable lengths on request.

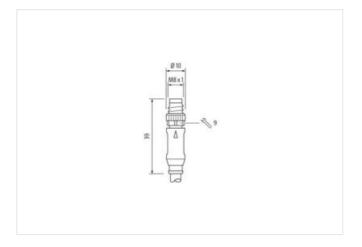
## **Link to Product**

## Illustration





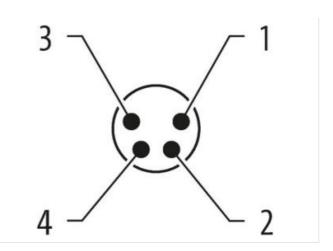


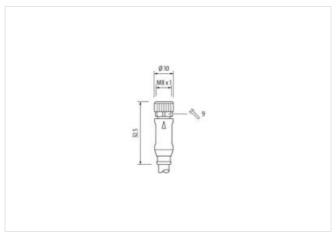




stay connected







Product may differ from Image







Cable length	10 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Thread	M8 x 1
Commercial data	
ECLASS-6.0	27061801
ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311



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ETIM-5.0   EC001855		
customs tariff number         85444290           customs tariff number         85444290           customs tariff number         85444290           GTIN         4046879519823           GTIN         4046879519823           GTIN         4046879519823           Packaging unit         1           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         50 V           Operating voltage AC max.         60 V           Current operating per context max.         4 A           Device protection   Electrical         Becker protection   Electrical           Device protection   Electrical         Becker protection   Electrical           Device protection   Electrical         Becker protection   Electrical           Device protection   Electrical   Electrical         Becker protection   Electrical           Device protection   Electrical   Electrical         Becker protection   Electrical           Device protection   Electrical   Elect	ECLASS-12.0	27060311
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Packaging unit 1  Operating voltage AC max. 50 V Operating voltage AC max. 60 V  Current operating per contact max. 4 A  Device protection [Electrical  Degree of protection (EN IEC 66529) IP65, IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) I  Mechanical data [Material data Material housing PUR Coating locking Nickeled Locking material Zine dise-casting Mechanical data [Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C Operating temperature range depending on cable quality  Important installation notes  Installation   Cable wire arrangement brown, black, blue, white Cable itemfication		
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Operating voltage DC max.	Electrical data   Supply	
Current operating per contact max.         4 A           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP65, IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Bated surge vortage         0,8 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         Material prouping           Material pousing         PUR           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Inserted, screwed, Shaking protection         Environmental characteristics   Climatic           Operating temperature max.         45 °C           Additional condition temperature may.         45 °C           Important installation notes         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         wire arrangement         brown, black, blue, white           Cable identification         634           Cable id	Operating voltage AC max.	50 V
Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP65, IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Attending voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing PUR Coating locking Nickeled Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement brown, black, blue, white  Cable identification 634  Cable Type 3  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 36,3 g/m	Operating voltage DC max.	60 V
Degree of protection (EN IEC 60529) IP65, IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing PUR  Coating locking Nickeled  Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min30 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement brown, black, blue, white  Cable identification 634  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 36,3 g/m	Current operating per contact max.	4 A
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Mechanical data   Material data           Material housing         PUR           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Coperating temperature min.         -30 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           wire arrangement         brown, black, blue, white           Cable identification         634           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         brown, black, blue, white		·
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Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 36,3 g/m	Cable identification	634
Type of Certificate cURus  Amount stranding 1  Stranding 4 wires twisted  wire arrangement brown, black, blue, white  Cable weigth 36,3 g/m	Cable Type	3
Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m	Jacket Color	black
Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m	Type of Certificate	cURus
wire arrangement     brown, black, blue, white       Cable weigth     36,3 g/m	· · ·	1
Cable weigth 36,3 g/m	Stranding	4 wires twisted
	wire arrangement	brown, black, blue, white
Material iacket PLIR	Cable weigth	36,3 g/m
Material juonet 1 Off	Material jacket	PUR
Shore hardness jacket 90 ± 5 Shore A	Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 4,5 mm	Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath) ± 5 %	Tolerance outer diameter (sheath)	±5%
Material wire insulation PP	Material wire insulation	PP
Amount wires 4	Amount wires	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: 2025-05-11



Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x 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
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min