

M8 female 0° A-cod. with cable

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

Art.No.: 7000-08061-6341000

Weight: 0.289 kg

Country of origin: CZ

Model designation: MSFL0-T634_10.0

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

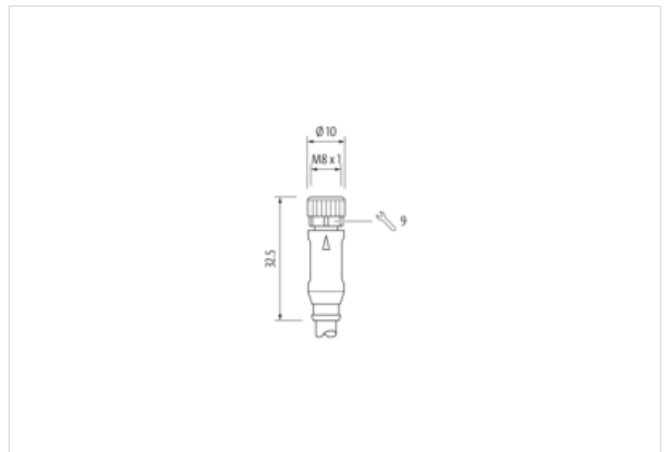
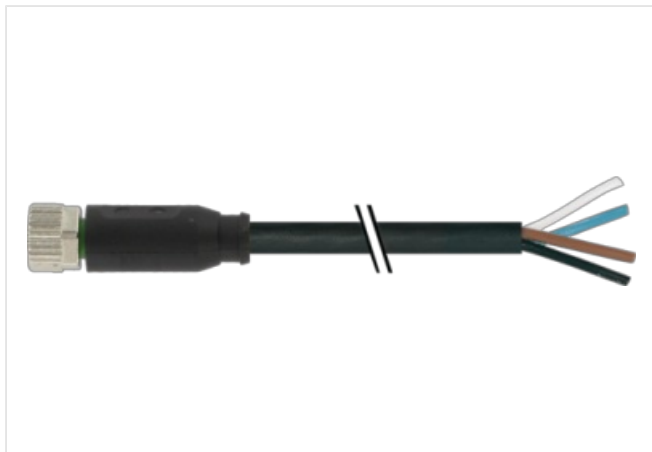
Plastic housings with good resistance against chemicals and oils.

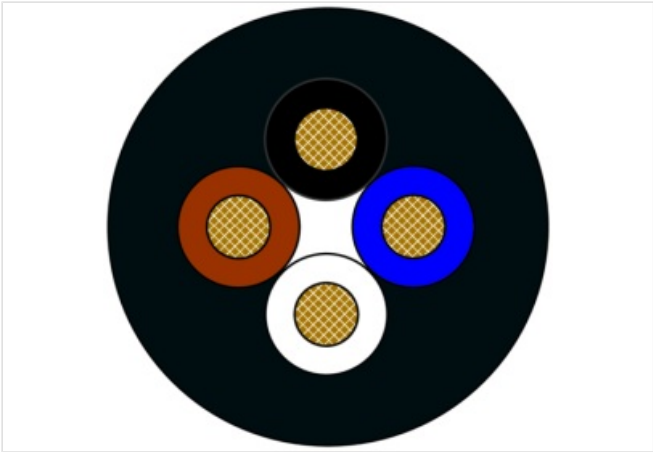
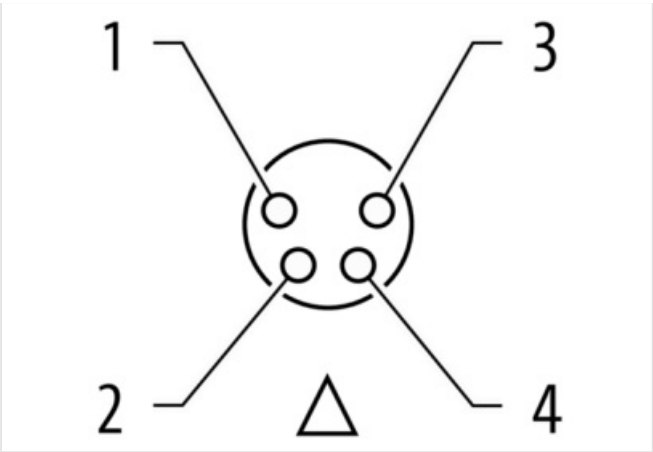
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

[Link to Product](#)

Illustration





Product may differ from Image



Cable length	10,00 m
Side 1	
Family construction form	M8
No. of poles	4
Coding	A
Gender	female
Mounting method	inserted, screwed
Threaded hole	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/7000-08061-6341000
GTIN	4048879229142
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
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
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-8.0	EC001855
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879229142
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
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Diagnostics	
Status indication LED	No
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)	I
Mechanical data Material data	
Screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled

Gasket

FKM

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

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 634

Cable Type 3

Cable weight 27,6 g/m

UL AWM Style 20549 / 10493

Stranding 1 × 4 wires stranded

Wire arrangement BN, BK, BU, WH

Material wire insulation PP

Amount wires 4

Outer diameter insulation 1.25 mm ± 0.05 mm

Conductor crosssection (wire) 0,34 mm²

Material conductor wire Stranded copper wire, bare

Core construction (wire) 42 × 0.1 mm

Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Material jacket PUR

Outer-diameter (jacket) 4.5 mm ± 5 %

Jacket Color black / RAL 9005

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Material property (jacket) abrasion-resistant, low adhesion, good machinability, matte

Conductor resistance (wire) 57 Ω/km @ 20 °C

Nominal voltage max. 300 V

Withstand voltage (wire - wire) 2.5 kV @ 60 s

Withstand voltage (wire - jacket) 2.5 kV @ 60 s

Current load capacity max. (wire) 4,8 A

Current load capacity (standard) to DIN VDE 0298-4

Operating temperature (static) -40 °C ... 80 °C / 90 °C @ 10000 h Operation

Operating temperature (dynamic) -25 °C ... 80 °C / 90 °C @ 10000 h Operation

Operating temperature (drag chain) -25 °C ... 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

Notes application-related testing

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 5 Mio.

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: 2026-08-25

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Torsion stress	± 360 °/m
Torsion speed	35 cycles/min