

### M8 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 20m

Art.No.: 7000-08061-6342000

Weight: 0.788 kg

Country of origin: CZ

Model designation: MSFL0-T634\_20.0

### 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

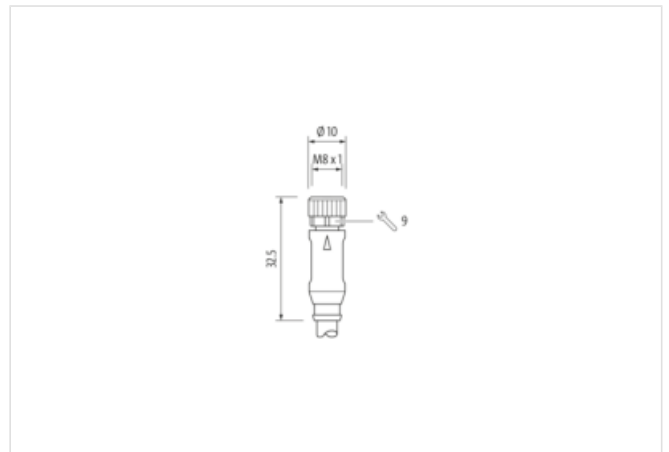
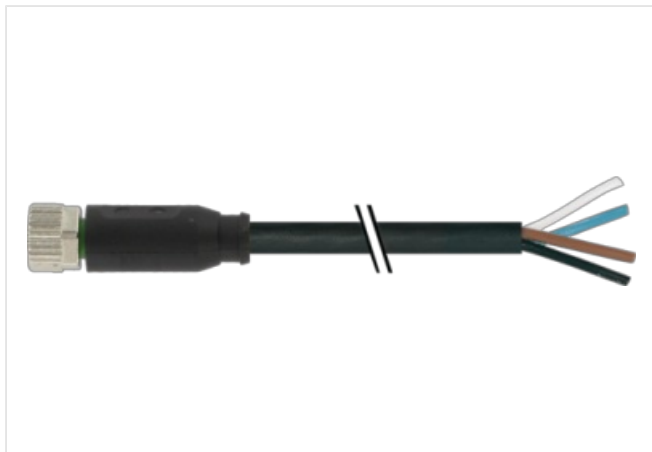
Plastic housings with good resistance against chemicals and oils.

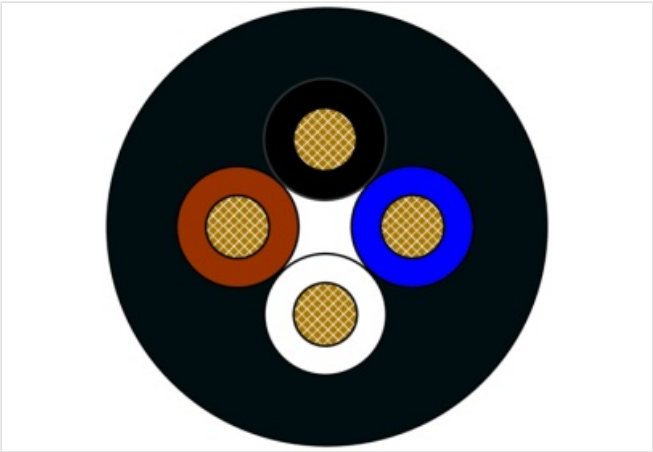
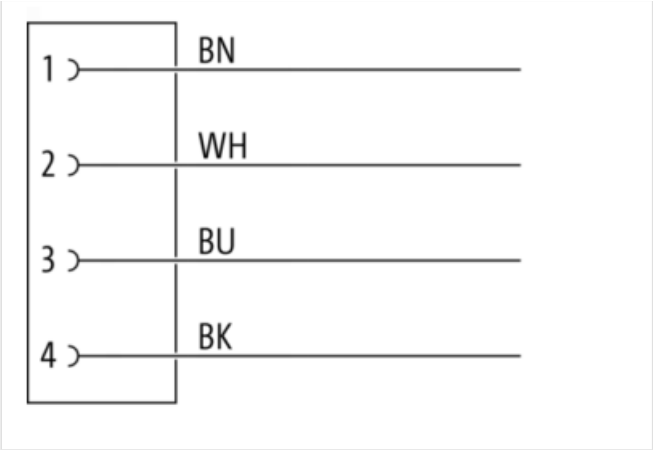
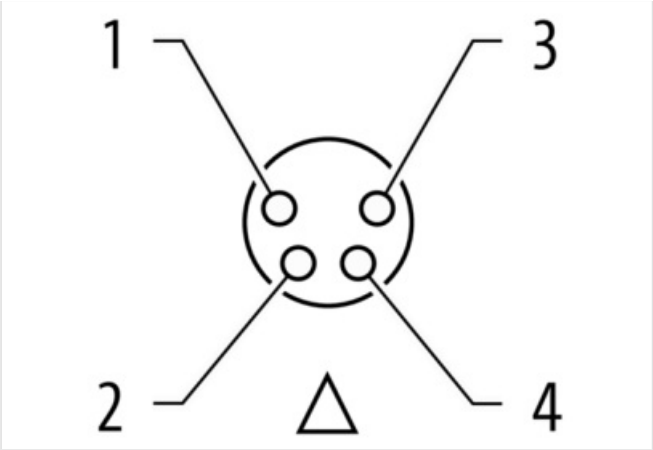
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

### [Link to Product](#)

#### Illustration





Product may differ from Image



|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 20,00 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                            | <a href="https://shop.murrelektronik.com/7000-08061-6342000">https://shop.murrelektronik.com/7000-08061-6342000</a> |
| GTIN                                   | 4048879481908                                                                                                       |
| 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                                    | 4048879481908                                                                                                       |
| 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: 2026-08-20

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