

M8 female 0° A-cod. with cable LED

PUR 3x0.25 bk UL/CSA+drag ch. 2.5m

Female straight

M8, 3-pole

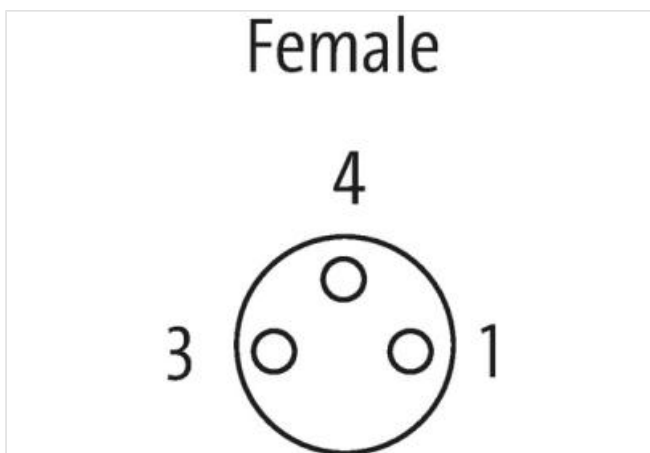
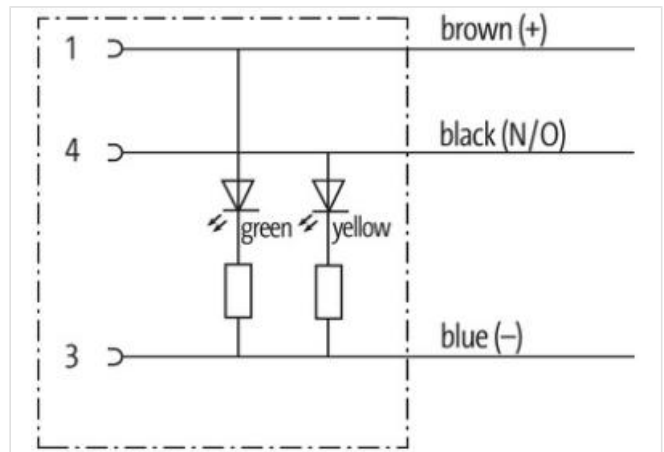
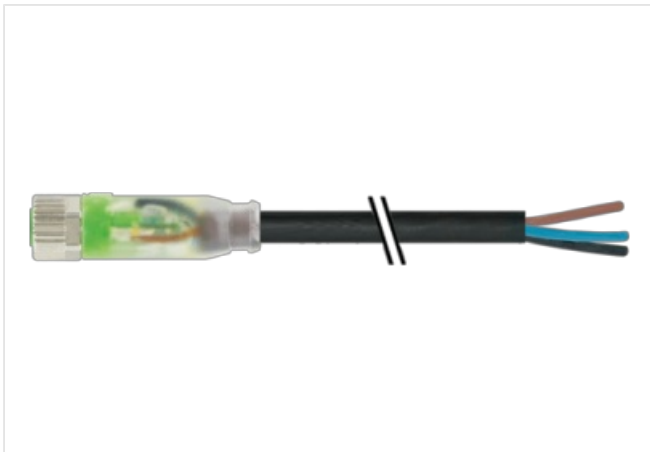
2x LED (PNP)

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

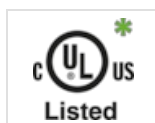
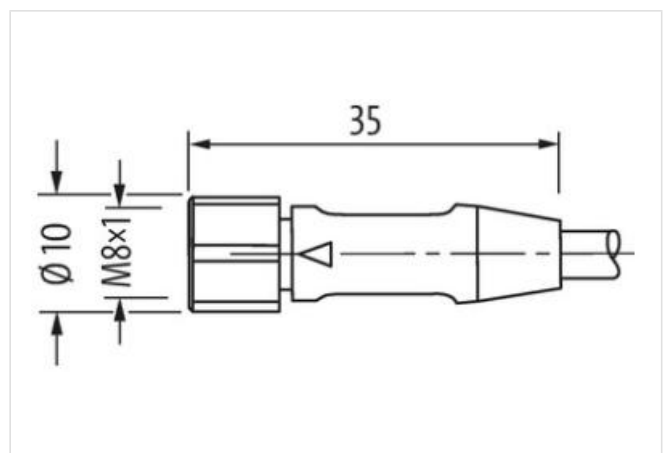
Plastic housings with good resistance against chemicals and oils.

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**

Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form

08111

Technical Data

| | |
|--|--|
| Operating voltage | 24 V DC $\pm 25\%$ |
| Operating voltage (only UL listed) | 30 V DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 4 A |
| Material group | IEC 60664-1, category I |
| LED display | (yellow/green) |
| Locking of ports | Screw thread (M8x1 mm) recommended torque 0.4 Nm, self-securing |
| Protection | IP67 inserted and tightened (EN 60529) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal \varnothing) | 6.5 mm |
| Compression gland | M8 (SW9) |
| General data | |
| Standards | DIN EN 61076-2-104 (M8) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |
| Cables | |
| Cable identification | 630 |
| Cable Type | 3 (PUR) |
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 26,4 g |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 79 Ω /km (20 °C) |
| Single wire \varnothing (core) | 0.1 mm |
| Construction (core) | 32x 0.1 mm (multi-strand wire class 6) |
| Diameter (core) | 3x 0.25 mm ² |
| AWG | similar to AWG 24 |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 70 ± 5 D |
| Wire- \varnothing incl. isolation | 1.25 mm $\pm 5\%$ |
| Color/numbering of wires | br, bk, bl |
| Stranding combination | 3 wires twisted |
| Shield | no |
| Material (jacket) | PUR |
| Material property (jacket) | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket) | 90 ± 5 A |
| Outer- \varnothing (jacket) | 4.1 mm $\pm 5\%$ |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 |
| Nominal voltage | 300 V AC |
| Test voltage | 2500 V AC |
| Current load capacity | to DIN VDE 0298-4 |
| Temperature range (fixed) | -40...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Temperature range (mobile) | -25...+80 °C, (+90 °C at max. 10 000 operating hours) |
| Bend radius (fixed) | 5x outer \varnothing |
| Bend radius (moving) | 10x outer \varnothing |
| No. of bending cycles (C-track) | max. 10 Mio. (25 °C) |
| Travel speed (C-track) | max. 3 m/s |
| Acceleration (C-track) | max. 10 m/s ² |
| Torsion stress | $\pm 180^\circ$ /m |

| | |
|-----------------------|---------------------|
| No. of torsion cycles | max. 2 Mio. (25 °C) |
|-----------------------|---------------------|

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|---------------|---------------|
| Torsion speed | 35 cycles/min |
|---------------|---------------|

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| Product article number of manufacturer | 7000-08111-6300250 |
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| Cable length | 2,5 m |
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