

M12 FEMALE 0° LED

PUR 4X0.34 black UL/CSA + ROBOT, drag ch 3m

Female straight

M12, 4-pole

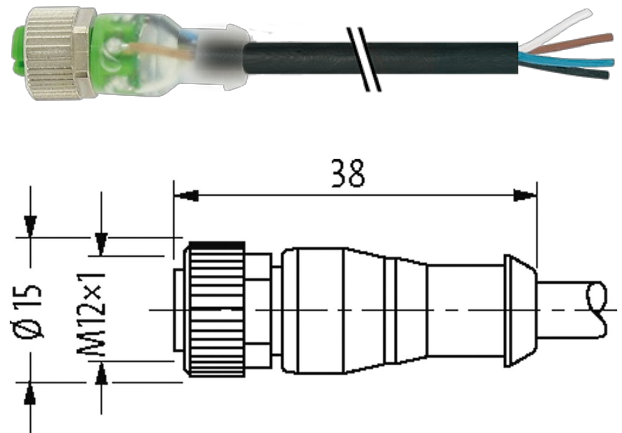
2× LED (PNP)

Art-No. 7005 - M12 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.

Illustration

Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

Form

Form 12291

General data

| | |
|-------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|----------------------------|--------------------------------|
| No./diameter of wires | 4 × 0.34 mm ² |
| Wire isolation | PP (br, wh, bl, bk) |
| C-track properties | 10 Mio. |
| Material (jacket) | PUR (UL/CSA), welding spark |
| Outer Ø | 4.7 mm ±5% |
| Bend radius (moving) | 10 × outer Ø |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -25...+80 °C |
| Cable identification | 654 |
| Cable Type | 5 (PUR schweißfunkenbeständig) |

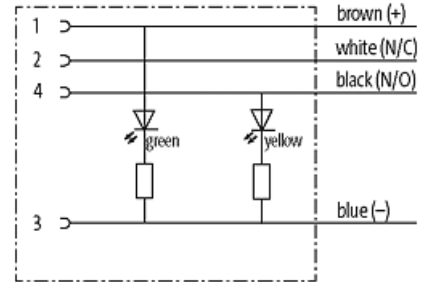
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|-------------------------------------|---|
| Approval (cable) | cURus (AWM-Style 20549/10493); CE conform |
| Cable weight [g/m] | 36,30 |
| Material (wire) | Cu wire, bare |
| Resistor (core) | max. 60 Ω /km (20 °C) |
| Single wire \varnothing (core) | 0.1 mm |
| Construction (core) | 42x 0.1 mm (multi-strand wire class 6) |
| Diameter (core) | 4 x 0.34 mm ² |
| AWG | similar to AWG 22 |
| Material (wire isolation) | PP |
| Material property (wire isolation) | CFC-, halogen-, cadmium-, silicone- and lead-free |
| Shore hardness (wire isolation) | 74 \pm 3 D |
| Wire- \varnothing incl. isolation | 1.25 mm \pm 5% |
| Color/numbering of wires | br, bk, bl, wh |
| Stranding combination | 4 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-, microbial- and welding spark resistant |
| Shore hardness (jacket) | 58 \pm 3 D |
| Outer- \varnothing (jacket) | 4.7 mm \pm 5% |
| Color (jacket) | black |
| chemical resistance | good resistance to oil, gasoline and chemicals (EN 60811-404) |
| thermal resistance | flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant |
| 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) |
| Traversing distance (C-track) | max. 5 m (horizontal) |
| Travel speed (C-track) | max. 3.3 m/s |
| Acceleration (C-track) | max. 5 m/s ² |
| Torsion stress | \pm 360°/m |
| No. of torsion cycles | max. 1 Mio. (25 °C) |
| Torsion speed | 35 cycles/min |
| Jacket Color | black |

Technical Data

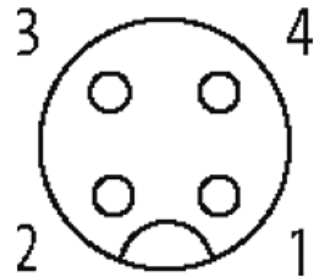
| | |
|--|--|
| Operating voltage | 24 V DC \pm 25% |
| Operating voltage (only UL listed) | max. 30 V DC |
| Operating current per contact | max. 4 A |
| Rated surge voltage | 0.8 kV |
| Material group | IEC 60664-1, category I |
| Coding | A-coded |
| Locking of ports | Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Protection | IP65, IP66K, IP67 |
| Locking material | Zinc die casting, matte nickel plated |
| Material | PUR |
| suitable for corrugated tube (internal \varnothing) | 10 mm |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | CZ |
| customs tariff number | 85444290 |
| EAN | 4048879209120 |
| eClass | 27279218 |
| Packaging unit | 1 |

Sketch

Female



Product may differ from Image