

## M12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA 25m

### ⚠ NOTICE ⚠

**PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Female straight

M12, 5-pole

A-coded

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

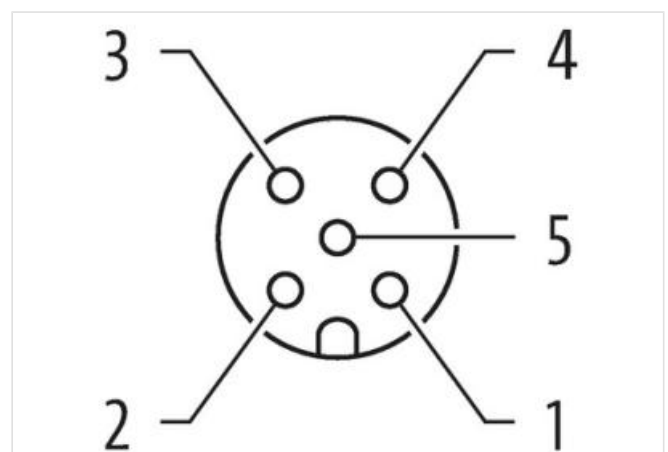
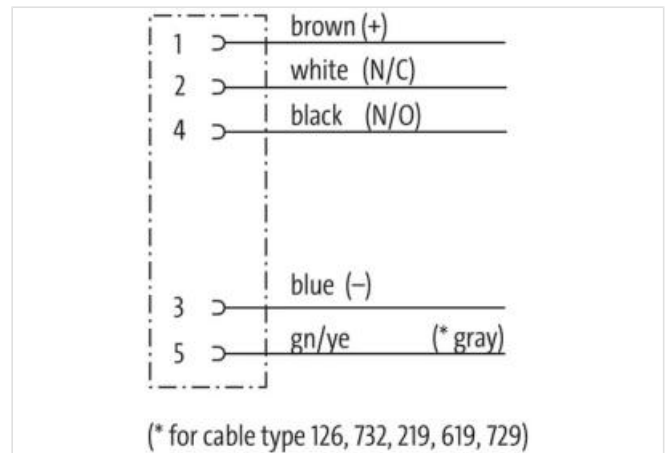
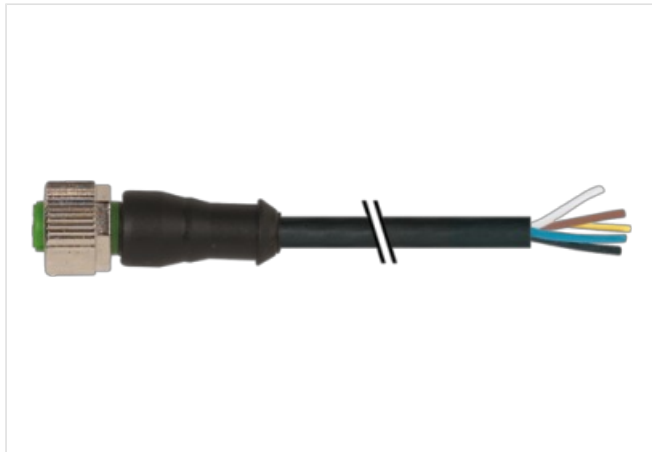
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

### [Linkki tuotteeseen](#)

#### Kuvat



Tuote voi erota kuvassa olevasta



Cable length 25 m

| Side 1                                    |                   |
|-------------------------------------------|-------------------|
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Coating contact                           | gold plated       |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material contact                          | Copper alloy      |
| Material                                  | PUR               |
| No. of poles                              | 5                 |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |

| Side 2                    |             |
|---------------------------|-------------|
| Stripping length (jacket) | 20 mm       |
| Coating contact           | gold plated |

| Kaupalliset tiedot |               |
|--------------------|---------------|
| ECLASS-6.0         | 27279218      |
| ECLASS-6.1         | 27279218      |
| ECLASS-7.0         | 27279218      |
| ECLASS-8.0         | 27279218      |
| ECLASS-9.0         | 27060311      |
| ECLASS-10.1        | 27060311      |
| ECLASS-11.1        | 27060311      |
| ECLASS-12.0        | 27060311      |
| ETIM-5.0           | EC001855      |
| GTIN               | 4048879210942 |
| Pakkauskoko        | 1             |
| Tullinumero        | 85444290      |

| Electrical data   Supply           |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 125 V |
| Operating voltage DC max.          | 125 V |
| Operating voltage AC (UL-listed)   | 30 V  |
| Operating voltage DC (UL-listed)   | 30 V  |
| Current operating per contact max. | 4 A   |

| Diagnostics           |    |
|-----------------------|----|
| Status indication LED | no |

| Installation   Connection |         |
|---------------------------|---------|
| Stripping length (jacket) | 20 mm   |
| Mounting set              | M12 x 1 |

| Device protection   Electrical         |                   |
|----------------------------------------|-------------------|
| 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 |                  |
|---------------------------------|------------------|
| Coating locking                 | Nickel           |
| Coating of fitting              | nickel plated    |
| Material gasket                 | FKM              |
| Locking material                | Zinc die-casting |

Material screw connection      Zinc die-casting

#### 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 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.

#### Conformity

Product standard      DIN EN 61076-2-101 (M12)

#### Cable

Cable identification      625

Cable Type      2 (PUR/PVC)

Approval (cable)      UL (AWM-Style 20549/1731), CSA; CE conform

Cable weight [g/m]      54,78 g

Material wire      Cu wire, bare

Resistor (core)      max. 57 Ω/km (20 °C)

Single wire Ø (core)      0.1 mm

Construction (core)      42× 0.1 mm (multi-strand wire class 6)

Diameter (core)      5× 0.34 mm<sup>2</sup>

AWG      similar to AWG 22

Material wire isolation      PVC

Material property wire insulation      CFC-, cadmium-, silicone- and lead-free

Shore hardness wire isolation      43 ±5 D

Wire-Ø incl. isolation      1.25 mm ±5%

Color/numbering of wires      br, bk, bl, wh, gnye longitudinally striped

Stranding combination      5 wires twisted around central filler

Shield      no

Material jacket      PUR/PVC

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      80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)

Outer-Ø (jacket)      5.0 mm ±5%

Color jacket      black

chemical resistance      good resistance to oil, gasoline and chemicals

Nominal voltage      UL 300 V AC

Test voltage      2000 V AC

Current load capacity      to DIN VDE 0298-4

Temperature range (fixed)      -30...+80 °C

Temperature range (mobile)      -5...+80 °C

Bending radius (fixed)      10× outer Ø

Bending radius (dynamic)      15× outer Ø

No. of bending cycles (C-track)      max. 2 Mio. (25 °C)

Travel speed (C-track)      max. 3.3 m/s

Acceleration (C-track)      max. 5 m/s<sup>2</sup>