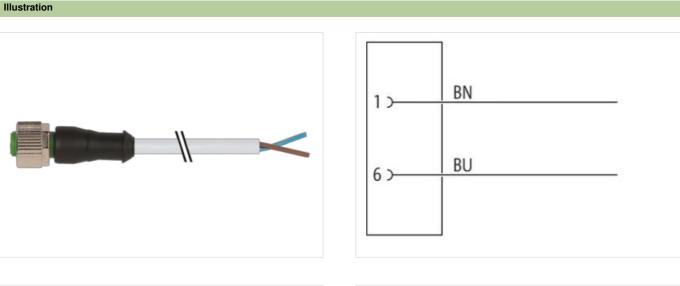


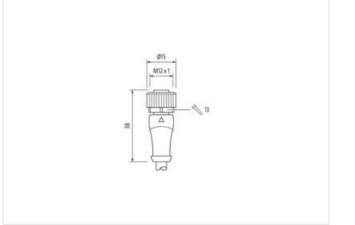
## M12 female 0° A-cod. with cable

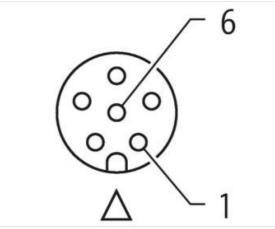
PUR 2x0.5 gy UL/CSA+drag ch. 17m

Cube67 Female straight M12, 2-pole A-coded Actuator supply external Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths 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.

## Link to Product







Product may differ from Image



Cable length

17 m

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## Side 1

| 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 $\emptyset$ )   | 10 mm   |
| Coding   | A   |
| Material contact   | Copper alloy                                  |
| Material   | PUR   |
| No. of poles   | 2   |
| Width across flats   | SW13  |
| Degree of protection (EN IEC 60529)  | IP65, IP66K, IP67                             |
| Side 2   |   |
| Stripping length (jacket)  | 20 mm   |
| Coating contact  | gold plated                                   |
| Commercial data  |   |
| 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                                      |
| customs tariff number  | 85444290                                      |
| GTIN   | 4048879466820                                 |
| Packaging unit   | 1   |
| Electrical data   Supply   |   |
| Operating voltage AC max.  | 30 V  |
| Operating voltage DC max.  | 30 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                             |
|  | inserted, screwed 3                           |
| Pollution Degree   |   |
| Pollution Degree<br>Rated surge voltage  | 3   |
| Pollution Degree<br>Rated surge voltage<br>Material group (IEC 60664-1)  | 3   |
| Pollution Degree<br>Rated surge voltage<br>Material group (IEC 60664-1)<br>Mechanical data   Material data   | 3<br>0,8 kV<br>I                              |
| Pollution Degree<br>Rated surge voltage<br>Material group (IEC 60664-1)<br>Mechanical data   Material data<br>Coating locking  | 3<br>0,8 kV<br>I<br>Nickeled                  |
| Pollution Degree<br>Rated surge voltage<br>Material group (IEC 60664-1)<br>Mechanical data   Material data<br>Coating locking<br>Coating of fitting  | 3<br>0,8 kV<br>I<br>Nickeled<br>nickel plated |
| Additional condition protection degree<br>Pollution Degree<br>Rated surge voltage<br>Material group (IEC 60664-1)<br>Mechanical data   Material data<br>Coating locking<br>Coating of fitting<br>Material gasket<br>Locking material | 3<br>0,8 kV<br>I<br>Nickeled                  |

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## Mechanical data | Mounting data

| Mounting method ir                       | inserted, screwed, Shaking protection  |
|--|--|
| Environmental characteristics   Climatic |  |
| Operating temperature min2               | 25 ℃   |
| Operating temperature max. 8             | 85 °C  |
| Additional condition temperature range d | depending on cable quality   |
| Important installation notes             |  |
| Note on strain relief P                  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |
|  | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Conformity                               |  |
| Product standard D                       | DIN EN 61076-2-101 (M12)   |
| Installation   Cable                     |  |
| Cable identification 4                   | 414  |
| Cable Type 3                             |  |
|  | gray   |
|  | cURus  |
| Amount stranding 1                       |  |
|  | 2 wires twisted  |
|  | prown, blue  |
|  | 30,8 g/m   |
|  | PUR  |
|  | 90 ± 5 Shore A   |
| ,  | ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
|  | 4,4 mm   |
|  | ±5%  |
| ,  | PP   |
| Amount wires 2                           |  |
|  | 2<br>1,4 mm  |
|  | ±5%  |
|  | ± 5 %<br>70 ± 5 Shore D  |
|  | ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
|  | 28   |
|  |  |
|  | 0,15 mm  |
|  | 0,5 mm²<br>Strandad copper wire, hare  |
|  | Stranded copper wire, bare   |
|  | strand class 6   |
|  | 10 m @ 25 °C   horizontal<br>300 V   |
|  | ao DIN VDE 0298-4  |
|  | 9 A  |
|  | 39 Ω/km @ 20 °C  |
|  |  |
|  | 2,5 kV @ 60 s  |
| jackel)                                  | 2,5 kV @ 60 s  |
|  | 40 °C  |
|  | 80 °C / 90 °C @ 10000 h Operation  |
|  | -25 °C   |
|  | 80 °C / 90 °C @ 10000 h Operation  |
|  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance G                    | Good, application-related testing  |
|  |  |
|  | Good, application-related testing Good, application-related testing   DIN EN 60811-404   |

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| Bending radius (fixed)   | 5 x Outer diameter  |  |
|--------------------------|---------------------|--|
| Bending radius (dynamic) | 10 x Outer diameter |  |
| Travel speed (C-track)   | 10 Mio. @ 25 °C     |  |
| No. of torsion cycles    | 2 Mio.              |  |
| Torsion stress           | ± 180 °/m           |  |
| Torsion speed            | 35 cycles/min       |  |

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