

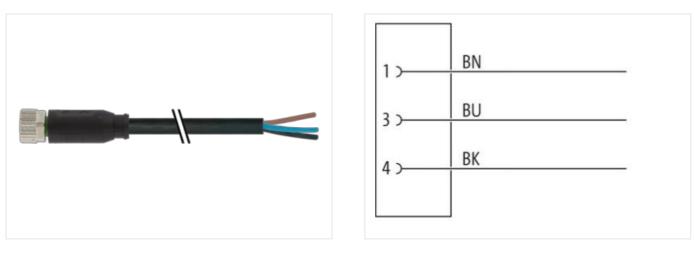
## M8 female 0° A-cod. with cable

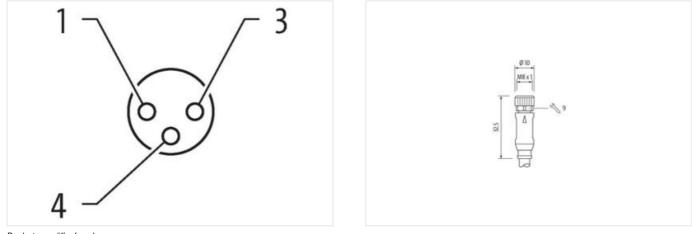
PUR 3x0.25 bk UL/CSA+drag ch. 20m

Female straight M8, 3-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



20 m

0,4 Nm

Cable length

Side 1

Tightening torque

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: 2024-04-28

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



| Coating contact                                      | gold plated       |
|--|-------------------|
| Family construction form                             | M8                |
| Thread   | M8 x 1            |
| suitable for corrugated tube (internal $\emptyset$ ) | 6,5 mm            |
| Cable outlet   | straight          |
| Coding   | A                 |
| Material contact                                     | Copper alloy      |
| Material   | PUR               |
| No. of poles   | 3                 |
| Width across flats                                   | SW9               |
| Degree of protection (EN IEC 60529)                  | IP65, IP66K, IP67 |
| Side 2   |                   |
| Stripping length (jacket)                            | 20 mm             |
| Coating contact                                      | gold plated       |
| Family construction form                             | free cable end    |
| Commercial data                                      |                   |
| ECLASS-6.0   | 27279218          |
| ECLASS-6.0<br>ECLASS-6.1                             | 27279218          |
| ECLASS-0.1<br>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   | 4048879230490     |
| Packaging unit                                       | 1                 |
| Electrical data   Supply                             |                   |
| Operating voltage AC max.                            | 50 V              |
| Operating voltage DC max.                            | 60 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   | M8 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)                         |                   |
| Mechanical data   Material data                      |                   |
| Coating locking                                      | Nickeled          |
| Coating of fitting                                   | nickel plated     |
| Material gasket                                      | FKM               |
| Locking material                                     | Zinc die-casting  |
| Material screw connection                            | Zinc die casting  |
|  |                   |

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



| 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<br>endangered by excessive bending forces. |
| Conformity  |   |
| Product standard  | DIN EN 61076-2-104 (M8)   |
| Installation   Cable                                      |   |
| Cable identification                                      | 630   |
| Cable Type  | 3   |
| Jacket Color  | black   |
| Type of Certificate                                       | cURus   |
| Amount stranding  | 1   |
| Stranding   | 3 wires twisted   |
| vire arrangement  | brown, black, blue  |
| Cable weigth  | 26,4 g/m  |
| Naterial jacket   | PUR   |
| Shore hardness jacket                                     | 90 ± 5 Shore A  |
| reedom from ingredients (jacket)                          | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Duter-diameter (jacket)                                   | 4,1 mm  |
| olerance outer diameter (sheath)                          | ±5%   |
| Naterial wire insulation                                  | PP  |
| Amount wires  | 3   |
| Duter diameter insulation                                 | 1,25 mm   |
| Duter diameter tolerance core insulation                  | ±5%   |
| Shore hardness wire insulation                            | 70 ± 5 Shore D  |
| ngredient freeness wire insulation                        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Amount strands (wire)                                     | 32  |
| Diameter of single wires                                  | 0,1 mm  |
| Conductor crosssection (wire)                             | 0,25 mm <sup>2</sup>  |
| Material conductor wire                                   | Stranded copper wire, bare  |
| Conductor type (wire)                                     | strand class 6  |
| raversing distance (C-track)                              | 10 m @ 25 °C   horizontal   |
| Current load capacity (standard)                          | to DIN VDE 0298-4   |
| Current load capacity min. wire                           | 4,5 A   |
| Electrical resistance line constant wire                  | 79 Ω/km @ 20 °C   |
| Nominal voltage power AC max.                             | 300 V   |
| Power frequency withstand voltage power<br>wire - jacket) | 2,5 kV @ 60 s   |
| C withstand voltage power (wire - wire)                   | 2,5 kV @ 60 s   |
| lin. operating temperature (static)                       | -40 °C  |
| Nax. operating temperature (fixed)                        | 80 °C / 90 °C @ 10000 h Operation   |
| Operating temperature min. (dynamic)                      | -25 °C  |
| Dperating temperature max. (dynamic)                      | 80 °C / 90 °C @ 10000 h Operation   |
| JV resistance   | DIN EN ISO 4892-2 A   |
| Flame resistance  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   |
| chemical resistance                                       | Good, application-related testing   |
|   |   |

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: 2024-04-28

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



| Oil resistance                  | Good, application-related testing   DIN EN 60811-404 |
|---------------------------------|--|
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C                                      |
| Bending radius (fixed)          | 5 x Outer diameter                                   |
| Bending radius (dynamic)        | 10 x Outer diameter                                  |
| No. of torsion cycles           | 2 Mio.   |
| Torsion speed                   | 35 cycles/min  |
| Torsion stress                  | ± 180 °/m  |

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: 2024-04-28 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk