

## M8 male 0° / M12 female 0° A-cod.

PUR 4x0.25 bk UL/CSA 10m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female straight

M8 - M12, 4-pole

M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

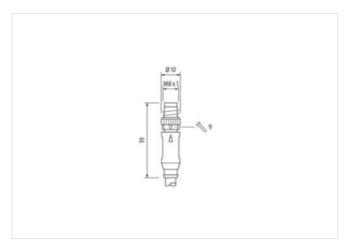
Plastic housings with good resistance against chemicals and oils.

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

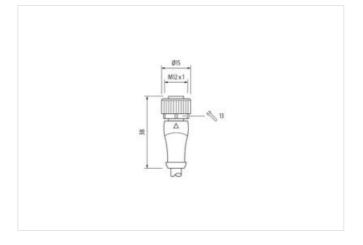
## **Link to Product**

## Illustration

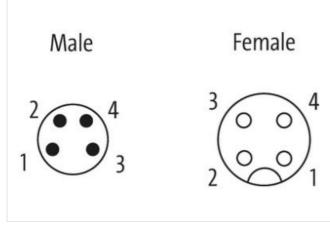












Product may differ from Image











| Side 1           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Coding         A           Material contact         Copper alloy           No. of poles         4           Width across flats         SW9           Side 2           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           No. of poles         4           Width across flats         SW13 |
|---|
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|   |
| Width across flats SW13   |
|   |
| 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  |



stay connected

| ETIM-5.0                                 | EC001855   |
|--|--|
| customs tariff number                    | 85444290   |
| GTIN                                     | 4048879123402  |
| 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  |
|  | 4 A  |
| Device protection   Electrical           |  |
| Degree of protection (EN IEC 60529)      | IP65, IP67, IP68, IP66K  |
| 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                          | Nickeled   |
| Material gasket                          | FKM  |
| Material housing                         | PUR  |
| Locking material                         | 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   |
| Conformity                               | and the same state of the same |
|  | DIN EN 04070 0 404 (M40). DIN EN 04070 0 444 (M9)  |
| Product standard                         | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  |
| Installation   Cable                     |  |
| Cable identification                     | 621  |
| Cable Type                               | 2  |
| Jacket Color                             | black  |
| Type of Certificate                      | cURus  |
| Amount stranding                         | 1  |
| Stranding                                | 4 wires twisted  |
| wire arrangement                         | brown, black, blue, white  |
| Cable weigth                             | 32,01 g/m  |
| Material jacket                          | PUR  |
| Shore hardness jacket                    | 85 ± 5 Shore A   |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free   |
| Outer-diameter (jacket)                  | 4,6 mm   |
| Tolerance outer diameter (sheath)        | ±5%  |
| Material wire insulation                 | PVC  |
| Amount wires                             | 4  |
| Outer diameter insulation                | 1,25 mm  |
| Outer diameter tolerance core insulation | ± 5 %  |
| Shore hardness wire insulation           | 43 ± 5 Shore D   |
| Material properties wire insulation      | good machinability   |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, silicone-free   |
| Amount strands (wire)                    | 32   |
|  |  |



| Diameter of single wires                          | 0,1 mm   |
|---|--|
| Conductor crosssection (wire)                     | 0,25 mm²   |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | strand class 6                                       |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                             |
| Travel speed (C-track)                            | 2 Mio. @ 25 °C                                       |
| Nominal voltage AC max.                           | 300 V  |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 3,6 A  |
| Electrical resistance line constant wire          | 79 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s  |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s  |
| Min. operating temperature (static)               | -30 °C   |
| Max. operating temperature (fixed)                | 0° C   |
| Operating temperature min. (dynamic)              | -5 °C  |
| Operating temperature max. (dynamic)              | 80 °C  |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 10 x Outer diameter                                  |
| Bending radius (dynamic)                          | 15 x Outer diameter                                  |