

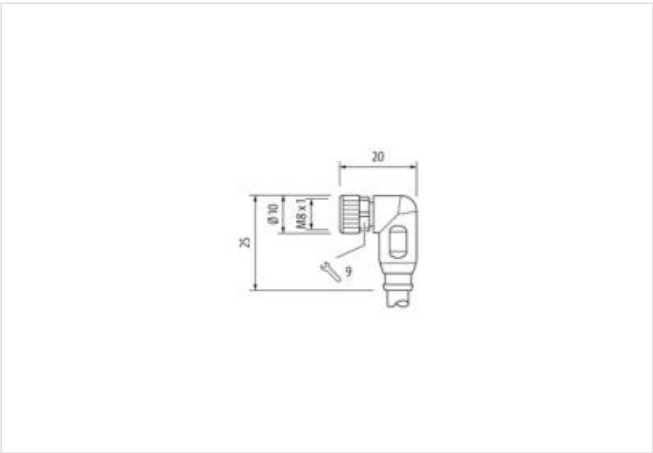
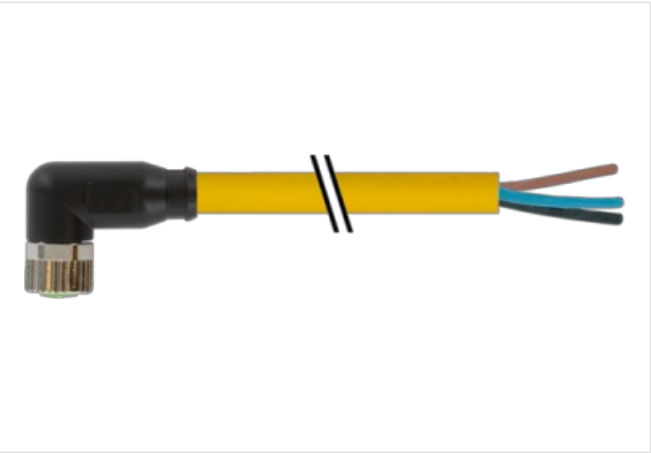
M8 female 90° A-cod. with cable

PUR 3x0.25 ye UL/CSA+robot+drag ch. 3m

Female 90°  
Zinc die casting, save-cover coated  
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.

제품 링크

일러스트



실제 제품은 이미지와 다를 수 있습니다.



Cable length 3 m

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            |
| Cable outlet                              | angled            |
| 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 |

제품자료

|             |               |
|-------------|---------------|
| 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        | 4048879228923 |
| 세번부호        | 85444290      |
| 포장단위        | 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)           | I                 |

Mechanical data | Material data

|                    |                   |
|--------------------|-------------------|
| Coating locking    | safe-cover coated |
| 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 61076-2-104 (M8)

Installation | Cable

Cable identification

050

Cable Type

5

Jacket Color

yellow

Type of Certificate

cURus

Amount stranding

1

Stranding

3 wires twisted

wire arrangement

brown, black, blue

Cable weight

26,4 g/m

Material jacket

PUR

Shore hardness jacket

58 ± 3 Shore D

Freedom from ingredients (jacket)

lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Outer-diameter (jacket)

4,3 mm

Tolerance outer diameter (sheath)

± 5 %

Material wire insulation

PP

Amount wires

3

Outer diameter insulation

1,25 mm

Outer diameter tolerance core insulation

± 5 %

Shore hardness wire insulation

74 ± 3 Shore D

Ingredient 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 mm²

Material conductor wire

Stranded copper wire, bare

Conductor type (wire)

strand class 6

Traversing distance (C-track)

5 m @ 25 °C | horizontal

Nominal voltage AC max.

300 V

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

AC withstand voltage (wire - wire)

2,5 kV @ 60 s

Power frequency withstand voltage (wire - jacket)

2,5 kV @ 60 s

Min. operating temperature (static)

-40 °C

Max. operating temperature (fixed)

80 °C / 90 °C @ 10000 h Operation

Operating temperature min. (dynamic)

-25 °C

Operating temperature max. (dynamic)

80 °C / 90 °C @ 10000 h Operation

Flame resistance

UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2

chemical resistance

Good, application-related testing

Gasoline resistance

Good, application-related testing

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| Oil resistance           | DIN EN 60811-404   Good, application-related testing |
| 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    | 1 Mio.                                               |
| Torsion stress           | ± 360 °/m                                            |
| Torsion speed            | 35 cycles/min                                        |