

M8 male 90° / M8 female 90° A-cod. LED

PUR 3x0.25 gy UL/CSA 1m

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

Male 90° - female 90°

M8 - M8, 3-pole

2× LED (PNP), (NPN) on request

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

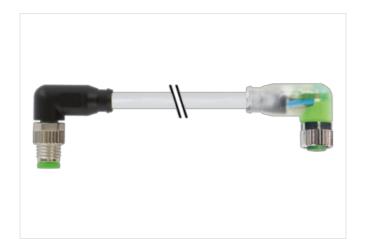
Further cable lengths on request.

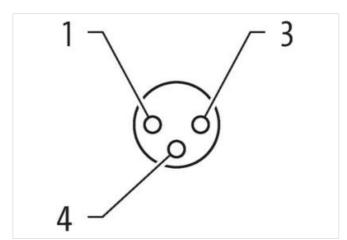
Plastic housings with good resistance against chemicals and oils.

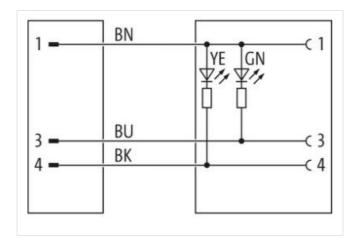
The resistance to aggressive media should be individually tested for your application. Further details on request.

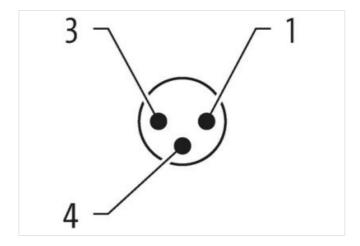
Link to Product

Illustration



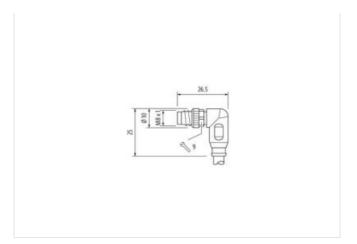


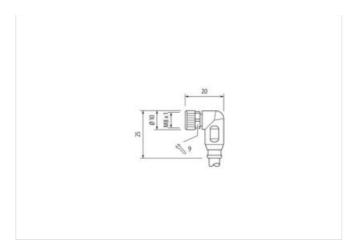






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Product may differ from Image











| Cable length | 1 m |
|---|---------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 6,5 mm |
| Width across flats | SW9 |
| Side 2 | |
| Tightening torque | 0,4 Nm |
| Thread | M8 x 1 |
| 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 | 4048879125420 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC | 24 V |
| Operating voltage DC min. | 18 V |
| Operating voltage DC max. | 30 V |
| Operating voltage DC max. (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | green, yellow |
| Device protection Electrical | |

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: 2024-05-19



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| Poeution Degree 3 | Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
|--|---|--|
| Rated augue voltage 0.8 kV | Additional condition protection degree | inserted, screwed |
| Mederial group (IEC 60964-1) Mochanical data [Material data] Mochanical data [Material data] Moterial housing PUR Locking malerial Zinc die casting Mochanical data [Mounting data] Mochanical data [Mounting data] Mounting method Environmental characteristics [Climatic Purpersitive prespetature min. Operating temperature max. 85 °C Accitional condition temperature range Operating temperature max. 85 °C Accitional condition temperature range Operating temperature max. 85 °C Accitional condition temperature range Operating temperature max. 85 °C Accitional condition temperature range Operating temp | Pollution Degree | 3 |
| Mechanical data Material data Coating clocking Nickeled Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Insented, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 25 °C Operating temperature max 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 51076 2.114 (MB) Installation Cobic Cable discrimitation Cable Cobic Cable discrimitation Cable Coperating Shanding Shanding | Rated surge voltage | 0,8 kV |
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| Product standard DIN EN 61076-2-114 (M8) | Additional condition temperature range | depending on cable quality |
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| 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 4,5 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 - 2 kV @ 60 s | <u> </u> | |
| 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) Current load capacity min. wire 4,5 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 - | Conductor crosssection (wire) | · |
| 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 4,5 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 - 2 kV @ 60 s | Material conductor wire | <u> </u> |
| 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 4,5 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 - | Conductor type (wire) | |
| 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 4,5 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 - | ** | |
| 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 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s | Travel speed (C-track) | · · · · · · · · · · · · · · · · · · · |
| 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 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s | . , , | |
| Current load capacity min. wire 4,5 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 - 2 kV @ 60 s | | |
| Electrical resistance line constant wire 79 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s | Current load capacity (ctandard) Current load capacity min. wire | |
| AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s | Electrical resistance line constant wire | |
| Power frequency withstand voltage (wire - 2 kV @ 60 s | AC withstand voltage (wire - wire) | |
| | Power frequency withstand voltage (wire - | |
| | jacket) | د ۱۸۷ نوب ۲۰۰۵ کا در ۱۸۵۰ کا در ۱ |



| Min. operating temperature (static) | -30 °C |
|--------------------------------------|--|
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 |
| 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) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |