

## M8 male $0^{\circ}$ / M8 female $0^{\circ}$ A-cod. snap-in

PVC 3x0.25 ye UL/CSA 0.6m

Male straight – female straight M8 (Snap In) – M8 (Snap In), 3-pole Further cable lengths on request.

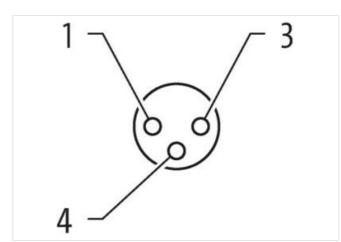
Plastic housings with good resistance against chemicals and oils.

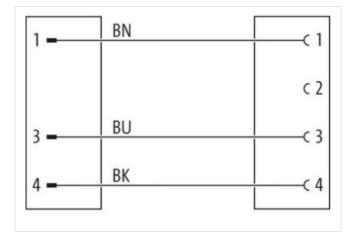
The resistance to aggressive media should be individually tested for your application. Further details on request.

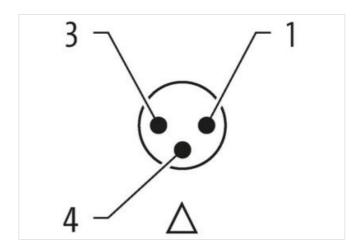
## **Link to Product**

## Illustration





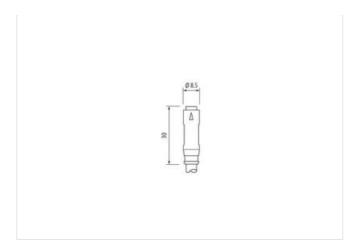






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Product may differ from Image











| Cable length                              | 0,6 m            |
|-------------------------------------------|------------------|
| Side 1                                    |                  |
| Thread                                    | M8               |
| suitable for corrugated tube (internal Ø) | 6,5 mm           |
| 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                                      | 4048879674201    |
| 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              |
| Device protection   Electrical            |                  |
| Degree of protection (EN IEC 60529)       | IP65             |
| Additional condition protection degree    | inserted, locked |
| Pollution Degree                          | 3                |
| Rated surge voltage                       | 1,5 kV           |
| Material group (IEC 60664-1)              | I                |
| Mechanical data   Material data           |                  |
| Material housing                          | PUR              |



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| ooking techniques                        | Snap In                                                                                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental characteristics   Climatic |                                                                                                                                                       |
| Derating temperature min.                | -25 °C                                                                                                                                                |
| Operating temperature max.               | 85 °C                                                                                                                                                 |
| Additional condition temperature range   | depending on cable quality                                                                                                                            |
| Important installation notes             | asponancy on successfully                                                                                                                             |
|                                          |                                                                                                                                                       |
| lote on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| lote on bending radius                   | <b>Attention:</b> 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 61076-2-114 (M8)                                                                                                                               |
| Installation   Cable                     |                                                                                                                                                       |
| Cable identification                     | 010                                                                                                                                                   |
| Cable Type                               | 1                                                                                                                                                     |
| acket Color                              | yellow                                                                                                                                                |
| ype of Certificate                       | cURus                                                                                                                                                 |
| Amount stranding                         | 1                                                                                                                                                     |
| Stranding                                | 3 wires twisted                                                                                                                                       |
| vire arrangement                         | brown, black, blue                                                                                                                                    |
| Cable weigth                             | 29,37 g/m                                                                                                                                             |
| Material jacket                          | PVC                                                                                                                                                   |
| Shore hardness jacket                    | 85 ± 5 Shore A                                                                                                                                        |
| reedom from ingredients (jacket)         | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| Outer-diameter (jacket)                  | 4.5 mm                                                                                                                                                |
| olerance outer diameter (sheath)         | ± 5 %                                                                                                                                                 |
| Material wire insulation                 | PVC                                                                                                                                                   |
| mount wires                              | 3                                                                                                                                                     |
| Outer diameter insulation                | 1,25 mm                                                                                                                                               |
| Outer diameter tolerance core insulation | ± 5 %                                                                                                                                                 |
| Shore hardness wire insulation           | 45 ± 5 Shore D                                                                                                                                        |
| Material properties wire insulation      | good machinability                                                                                                                                    |
| ngredient freeness wire insulation       | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| amount strands (wire)                    | 14                                                                                                                                                    |
| Diameter of single wires                 | 0,15 mm                                                                                                                                               |
| Conductor crosssection (wire)            | 0,25 mm <sup>2</sup>                                                                                                                                  |
| Material conductor wire                  | Stranded copper wire, bare                                                                                                                            |
| Conductor type (wire)                    | Strand class 5                                                                                                                                        |
| Iominal voltage AC max.                  | 300 V                                                                                                                                                 |
| Current load capacity (standard)         | to DIN VDE 0298-4                                                                                                                                     |
| Current load capacity min. wire          | 4,5 A                                                                                                                                                 |
| lectrical resistance line constant wire  | 79 Ω/km @ 20 °C                                                                                                                                       |
| C withstand voltage (wire - wire)        | 2 kV @ 60 s                                                                                                                                           |
| ower frequency withstand voltage (wire - | 2 kV @ 60 s                                                                                                                                           |
| /lin. 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 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090                                                                                                   |
| hemical resistance                       | Good, application-related testing                                                                                                                     |
| Gasoline resistance                      | Good, application-related testing                                                                                                                     |
| Dil resistance                           | Good, application-related testing   DIN EN 60811-404                                                                                                  |



Bending radius (fixed) 5 x Outer diameter

Bending radius (dynamic) 10 x Outer diameter