

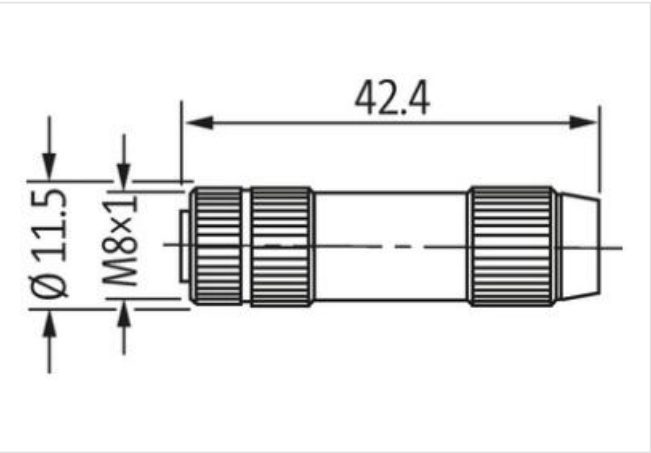
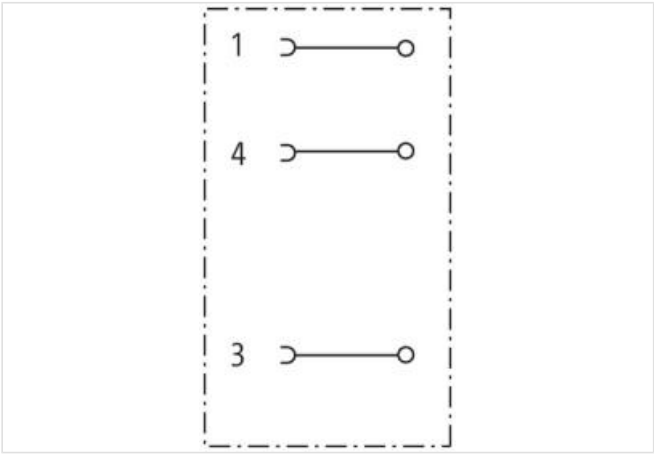
M8 female 0° A-cod. IDC

3-pol., 0,14 - 0,34mm², 2,5 - 5,1mm

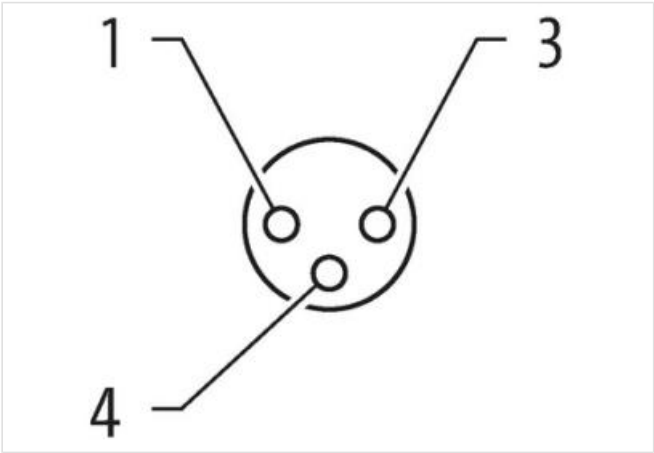
IDC terminals  
Female straight  
M8, 3-pole  
Connection cross section: 0.14...0.34 mm²  
Sealing comb included in delivery

Link to Product

Illustration



Product may differ from Image



| Side 1                   |                   |
|--------------------------|-------------------|
| Mounting method          | inserted, screwed |
| Family construction form | M8                |
| Material contact         | Copper alloy      |
| Material                 | PA                |
| No. of poles             | 3                 |

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Width across flats                              | SW9                                   |
| Degree of protection (EN IEC 60529)             | IP67                                  |
| <b>Commercial data</b>                          |                                       |
| ECLASS-6.0                                      | 27279221                              |
| ECLASS-7.0                                      | 27440104                              |
| ECLASS-8.0                                      | 27440104                              |
| ECLASS-9.0                                      | 27440102                              |
| ECLASS-10.1                                     | 27440102                              |
| ECLASS-11.1                                     | 27440102                              |
| ECLASS-12.0                                     | 27440116                              |
| ETIM-5.0                                        | EC002635                              |
| customs tariff number                           | 85366990                              |
| GTIN                                            | 4048879224697                         |
| Packaging unit                                  | 1                                     |
| <b>Electrical data   Supply</b>                 |                                       |
| Operating voltage AC max.                       | 32 V                                  |
| Operating voltage DC max.                       | 32 V                                  |
| Current operating per contact max.              | 4 A                                   |
| <b>Installation</b>                             |                                       |
| Connection cross section min.                   | 0,14 mm <sup>2</sup>                  |
| Connection cross section max.                   | 0,34 mm <sup>2</sup>                  |
| Single wire diameter min.                       | 0,1 mm                                |
| <b>Installation   Connection</b>                |                                       |
| Wire insulation diameter min.                   | 1 mm                                  |
| Wire insulation diameter max.                   | 1,6 mm                                |
| Connection                                      | Cut clamps IDC                        |
| Tightening torque                               | 0,4 Nm                                |
| Mounting set                                    | M8 x 1                                |
| Mating cycles min.                              | 100                                   |
| <b>Installation   Pin assignment</b>            |                                       |
| Configuration                                   | fully used                            |
| <b>Device protection   Electrical</b>           |                                       |
| Additional condition protection degree          | inserted, screwed                     |
| Pollution Degree                                | 3                                     |
| Rated surge voltage                             | 0,8 kV                                |
| Insulation resistance min.                      | 100 MΩ                                |
| Material group (IEC 60664-1)                    | I                                     |
| Overvoltage category (EN 60950-1)               | III                                   |
| <b>Mechanical data   Material data</b>          |                                       |
| Coating locking                                 | Nickeled                              |
| Locking material                                | Zinc die-casting                      |
| <b>Mechanical data   Mounting data</b>          |                                       |
| Mounting method                                 | inserted, screwed, Shaking protection |
| Clamping range min.                             | 2,5 mm                                |
| Clamping range max.                             | 5,1 mm                                |
| Height                                          | 42,5 mm                               |
| Width                                           | 1,8 mm                                |
| Depth                                           | 11,8 mm                               |
| <b>Environmental characteristics   Climatic</b> |                                       |
| Operating temperature min.                      | -25 °C                                |
| Operating temperature max.                      | 85 °C                                 |

**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 | <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) |
|------------------|-------------------------|