

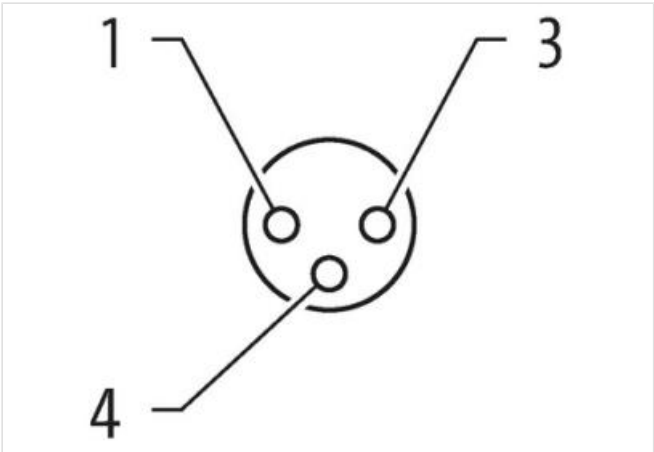
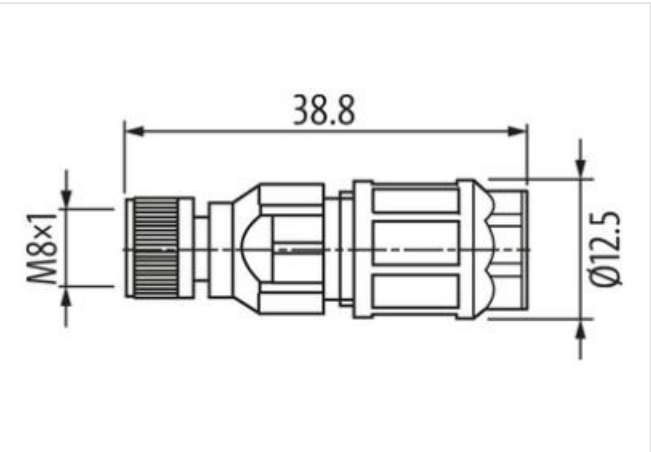
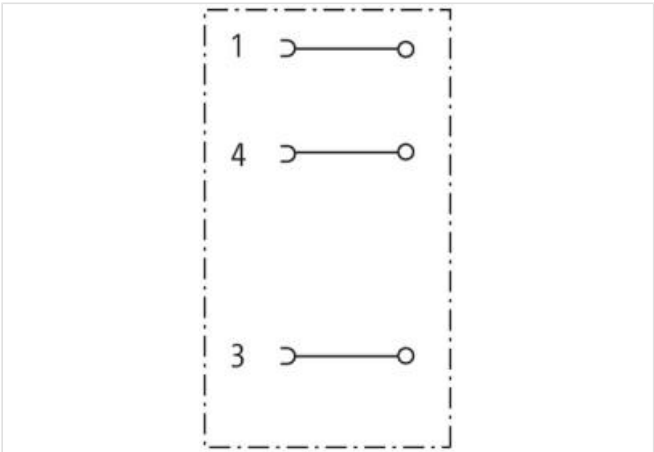
M8 female 0° A-cod. IDC

3-pol., 0,25 - 0,5mm², 2,5 - 5mm

IDC terminals  
Female straight  
M8, 3-pole  
Connection cross section: 0.25...0.5 mm²

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                 |
| Degree of protection (EN IEC 60529) | IP65, IP67        |

| Commercial data                          |   |
|--|---|
| 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                                     | 4048879784801   |
| Packaging unit                           | 1   |
| Electrical data   Supply                 |   |
| Operating voltage AC max.                | 48 V  |
| Operating voltage DC max.                | 60 V  |
| Current operating per contact max.       | 4 A   |
| Installation                             |   |
| Connection cross section min.            | 0,25 mm <sup>2</sup>  |
| Connection cross section max.            | 0,5 mm <sup>2</sup>   |
| Installation   Connection                |   |
| Wire insulation diameter min.            | 1,1 mm  |
| Wire insulation diameter max.            | 1,55 mm   |
| Connection                               | Cut clamps IDC  |
| Mounting set                             | M8 x 1  |
| Mating cycles min.                       | 100   |
| Device protection   Electrical           |   |
| 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)             | III   |
| Overvoltage category (EN 60950-1)        | II  |
| Mechanical data   Material data          |   |
| Coating contact                          | gold plated   |
| Coating locking                          | Nickeled  |
| Material gasket                          | NBR   |
| Material contact carrier                 | TPU   |
| Locking material                         | Zinc die-casting  |
| Mechanical data   Mounting data          |   |
| Mounting method                          | Hexagonal screw, Hexagonal nut  |
| Clamping range min.                      | 2,5 mm  |
| Clamping range max.                      | 5 mm  |
| Looking techniques                       | Schraubgewinde  |
| Environmental characteristics   Climatic |   |
| Operating temperature min.               | -25 °C  |
| Operating temperature max.               | 80 °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)