

**M8 female 0° A-cod. IDC**3-pol., 0,25 - 0,5mm<sup>2</sup>, 2,5 - 5mm

Art.No.: 7000-08365-0000000

Weight: 0.007

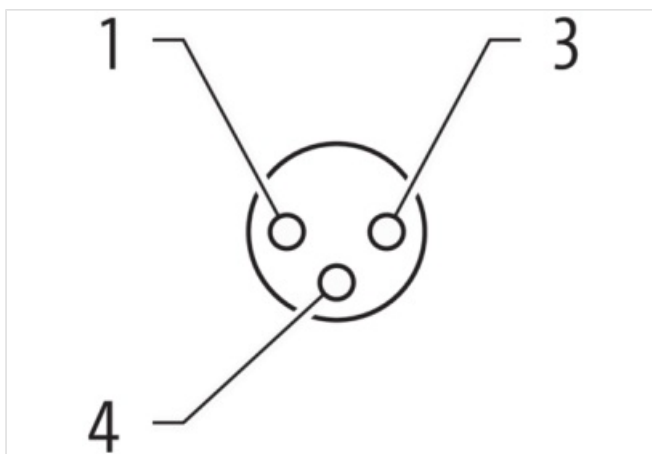
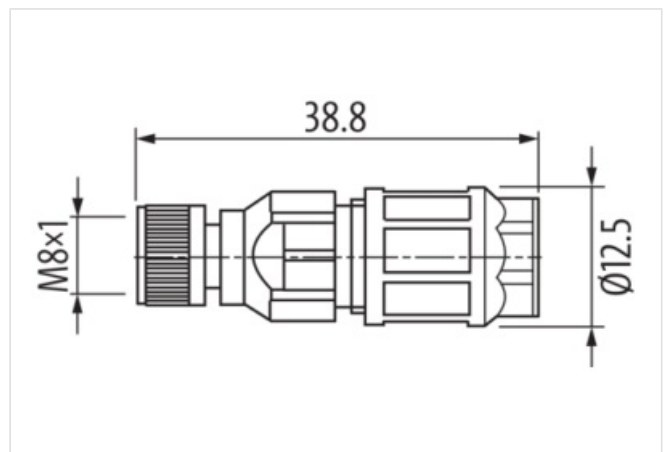
Country of origin: DE

Model designation: MSFL0-AC-R IDC 0,25-0,5mm<sup>2</sup>

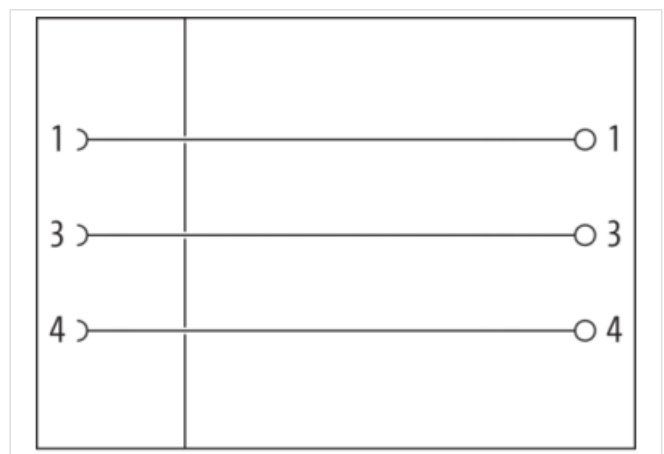
IDC terminals

Female straight

M8, 3-pole

Connection cross section: 0.25...0.5 mm<sup>2</sup>[Link to Product](#)**Illustration**

Product may differ from Image

**Side 1**

|                          |                   |
|--------------------------|-------------------|
| Family construction form | M8                |
| No. of poles             | 3                 |
| Mounting method          | inserted, screwed |

|  |   |
|--|---|
| Material                               | PA  |
| Material contact                       | Copper alloy  |
| Degree of protection (EN IEC 60529)    | IP67, IP65  |
| <b>Commercial data</b>                 |   |
| URL Webshop                            | <a href="https://shop.murrelektronik.com/7000-08365-0000000">https://shop.murrelektronik.com/7000-08365-0000000</a> |
| GTIN                                   | 4048879784801   |
| ECLASS-6.0                             | 27279221  |
| ECLASS-6.1                             | 27260702  |
| ECLASS-7.0                             | 27440102  |
| ECLASS-7.1                             | 27440102  |
| ECLASS-8.0                             | 27440102  |
| ECLASS-8.1                             | 27440102  |
| ECLASS-9.0                             | 27440116  |
| ECLASS-9.1                             | 27440106  |
| ECLASS-10.0.1                          | 27440106  |
| ECLASS-10.1                            | 27440102  |
| ECLASS-11.0                            | 27440106  |
| ECLASS-11.1                            | 27440102  |
| ECLASS-12.0                            | 27440116  |
| ECLASS-13.0                            | 27440106  |
| ECLASS-14.0                            | 27440106  |
| ETIM-5.0                               | EC002635  |
| ETIM-6.0                               | EC002635  |
| ETIM-7.0                               | EC002635  |
| ETIM-8.0                               | EC002635  |
| EAN                                    | 4048879784801   |
| <b>Electrical data</b>                 |   |
| Contact resistance max.                | 10 mΩ   |
| <b>Electrical data   Supply</b>        |   |
| Operating voltage AC max.              | 48 V  |
| Operating voltage DC max.              | 60 V  |
| Current operating per contact max.     | 4 A   |
| <b>Installation</b>                    |   |
| Connection cross section min.          | 0.25  |
| Connection cross section max.          | 0.5   |
| <b>Installation   Connection</b>       |   |
| Connection                             | Cut clamps IDC  |
| Mounting set                           | M8 x 1  |
| Mating cycles min.                     | 100   |
| Wire insulation diameter min.          | 1.1 mm  |
| Wire insulation diameter max.          | 1.55 mm   |
| <b>Device protection   Electrical</b>  |   |
| Additional condition protection degree | inserted, screwed   |
| Pollution Degree                       | 3   |
| Overvoltage category (EN 60950-1)      | II  |
| Rated surge voltage                    | 0.8 kV  |
| Insulation resistance min.             | 100   |
| Material group (IEC 60664-1)           | III   |
| <b>Mechanical data   Material data</b> |   |
| Material contact carrier               | TPU   |
| Coating contact                        | gold plated   |

|                  |                  |
|------------------|------------------|
| Locking material | Zinc die-casting |
| Coating locking  | Nickeled         |
| Material gasket  | NBR              |

**Mechanical data | Mounting data**

|                     |                                |
|---------------------|--------------------------------|
| Mounting method     | Hexagonal screw, Hexagonal nut |
| Locking techniques  | Schraubgewinde                 |
| Clamping range min. | 2.5 mm                         |
| Clamping range max. | 5 mm                           |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 80 °C  |

**Important installation notes**

|                        |   |
|------------------------|---|
| 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. |
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   |

**Conformity**

|                  |                         |
|------------------|-------------------------|
| Product standard | DIN EN 61076-2-114 (M8) |
|------------------|-------------------------|