

M8 female 0° A-cod. IDC

3-pol., 0,14 - 0,34mm², 2,5 - 5,1mm

Art.No.: 7000-08371-0000000

Weight: 0.015

Country of origin: DE

Model designation: MSFL0-AC-R MOSA 0,14-0,34qmm

IDC terminals

Female straight

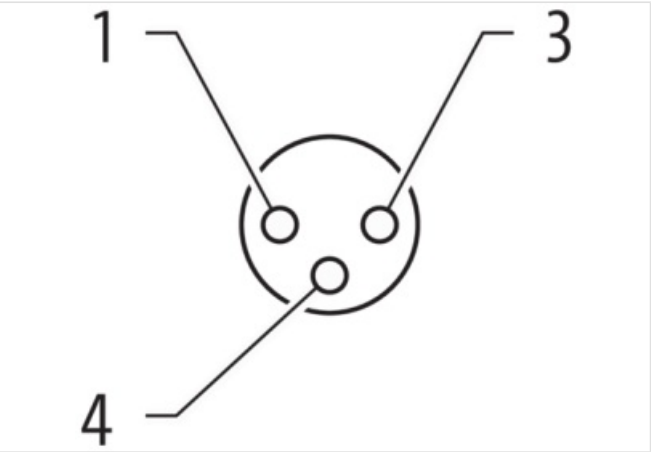
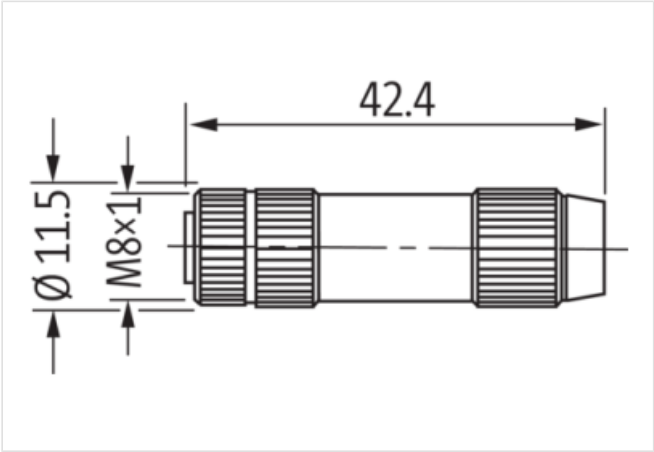
M8, 3-pole

Connection cross section: 0.14...0.34 mm²

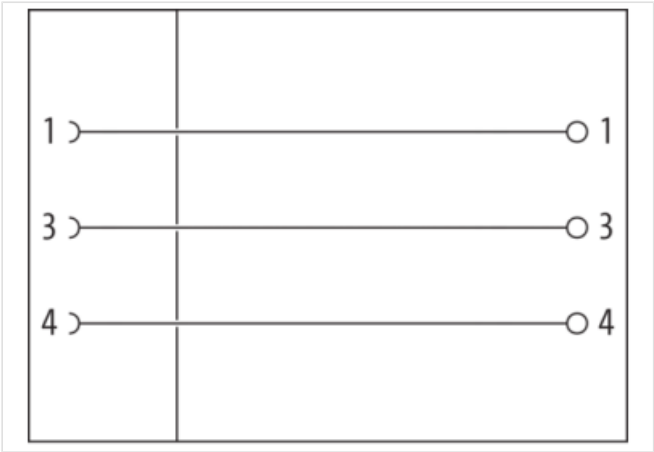
Sealing comb included in delivery

Link to Product

Illustration



Product may differ from Image



Side 1

|                          |    |
|--------------------------|----|
| Family construction form | M8 |
| No. of poles             | 3  |

|                                     |                   |
|-------------------------------------|-------------------|
| Mounting method                     | inserted, screwed |
| Width across flats                  | SW9               |
| Material                            | PA                |
| Material contact                    | Copper alloy      |
| Degree of protection (EN IEC 60529) | IP67              |

#### Commercial data

|               |   |
|---------------|---|
| URL Webshop   | <a href="https://shop.murrelektronik.com/7000-08371-0000000">https://shop.murrelektronik.com/7000-08371-0000000</a> |
| GTIN          | 4048879224697   |
| 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           | 4048879224697   |

#### Electrical data

|                         |       |
|-------------------------|-------|
| Contact resistance max. | 10 mΩ |
|-------------------------|-------|

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 32 V |
| Operating voltage DC max.          | 32 V |
| Current operating per contact max. | 4 A  |

#### Installation

|                               |        |
|-------------------------------|--------|
| Single wire diameter min.     | 0.1 mm |
| Connection cross section min. | 0.14   |
| Connection cross section max. | 0.34   |

#### Installation | Connection

|                               |                |
|-------------------------------|----------------|
| Connection                    | Cut clamps IDC |
| Tightening torque             | 0.4 Nm         |
| Mounting set                  | M8 x 1         |
| Mating cycles min.            | 100            |
| Wire insulation diameter min. | 1 mm           |
| Wire insulation diameter max. | 1.6 mm         |

#### Installation | Pin assignment

|               |            |
|---------------|------------|
| Configuration | fully used |
|---------------|------------|

#### Device protection | Electrical

|  |                   |
|--|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Overvoltage category (EN 60950-1)      | III               |

|                              |        |
|------------------------------|--------|
| Rated surge voltage          | 0.8 kV |
| Insulation resistance min.   | 100    |
| Material group (IEC 60664-1) | I      |

#### Mechanical data | Material data

|                  |                  |
|------------------|------------------|
| Locking material | Zinc die-casting |
| Coating locking  | Nickeled         |

#### Mechanical data | Mounting data

|                     |                                       |
|---------------------|---------------------------------------|
| Height              | 42.5 mm                               |
| Width               | 1.8 mm                                |
| Depth               | 11.8 mm                               |
| Mounting method     | inserted, screwed, Shaking protection |
| Clamping range min. | 2.5 mm                                |
| Clamping range max. | 5.1 mm                                |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °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) |
|------------------|-------------------------|