

M8 male 0° A-cod. IDC

3-pol., 0,25 - 0,5mm², 2,5 - 5mm

Art.No.: 7000-08325-0000000

Weight: 0,008 kg

Country of origin: DE

Model designation: MSHL0-AC-R IDC 0,25-0,5mm²

IDC terminals

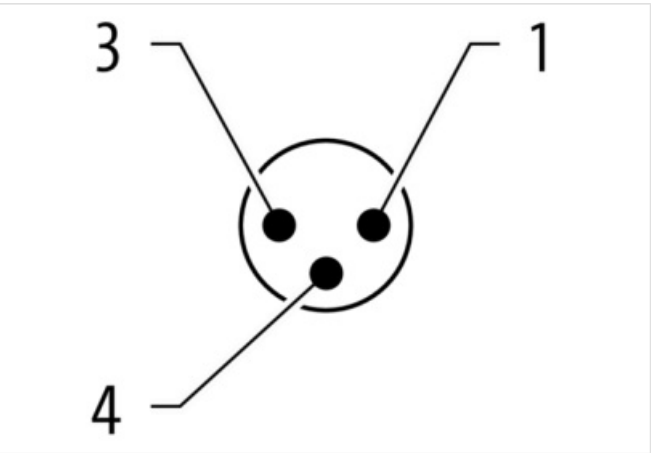
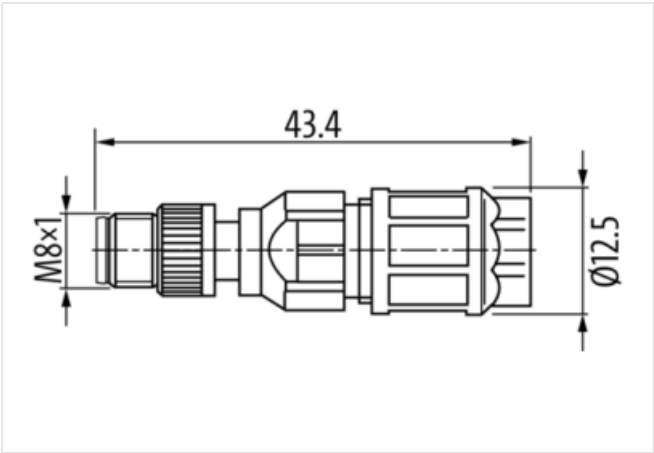
Male straight

M8, 3-pole

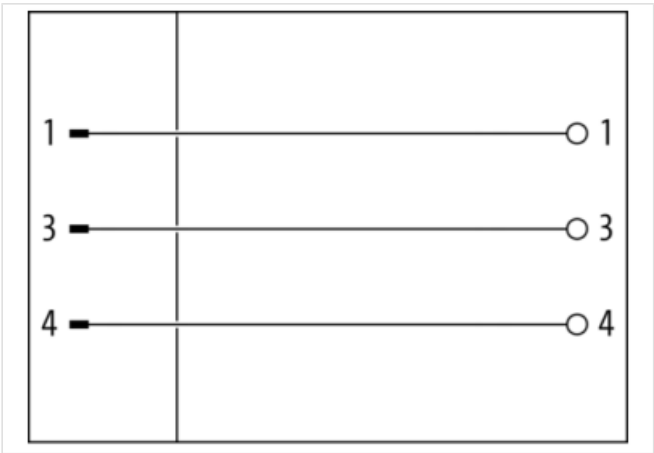
Connection cross section: 0.25...0.5 mm²

Link to Product

Illustration



Product may differ from Image



| Side 1                   |    |
|--------------------------|----|
| Family construction form | M8 |
| No. of poles             | 3  |
| Coding                   | A  |

|                                     |                   |
|-------------------------------------|-------------------|
| Gender                              | male              |
| Mounting method                     | inserted, screwed |
| Cable outlet                        | straight          |
| Material                            | PA                |
| Material contact                    | Copper alloy      |
| Degree of protection (EN IEC 60529) | IP67, IP65        |

#### Side 2

|                 |                |
|-----------------|----------------|
| Mounting method | Field-wireable |
|-----------------|----------------|

#### Commercial data

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7000-08325-0000000">https://shop.murrelektronik.com/7000-08325-0000000</a> |
| GTIN                  | 4048879784689                                                                                                       |
| Customs tariff number | 85366990                                                                                                            |
| 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                                                                                                            |
| customs tariff number | 85366990                                                                                                            |
| EAN                   | 4048879784689                                                                                                       |
| 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

|                               |                |
|-------------------------------|----------------|
| 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        |

#### Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| 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 mΩ |
|----------------------------|--------|

|                              |     |
|------------------------------|-----|
| Material group (IEC 60664-1) | III |
|------------------------------|-----|

#### Mechanical data | Material data

|                          |     |
|--------------------------|-----|
| Material contact carrier | TPU |
|--------------------------|-----|

|                 |             |
|-----------------|-------------|
| Coating contact | gold plated |
|-----------------|-------------|

|                  |                  |
|------------------|------------------|
| Locking material | Zinc die-casting |
|------------------|------------------|

|                 |          |
|-----------------|----------|
| Coating locking | Nickeled |
|-----------------|----------|

|        |     |
|--------|-----|
| Gasket | NBR |
|--------|-----|

#### Mechanical data | Mounting data

|                 |                                |
|-----------------|--------------------------------|
| Mounting method | Hexagonal screw, Hexagonal nut |
|-----------------|--------------------------------|

|                    |                |
|--------------------|----------------|
| Looking 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 | EN/IEC 61076-2-104 (M8) |
|------------------|-------------------------|