

**T-Coupler M12 male / 2x M12 female straight**

5-pol. / 2x 5-pol.

Art.No.: 7000-41141-0000000

Weight: 0.029 kg

Country of origin: DE

Model designation: MSA02UL0-BU-BU

T-coupler

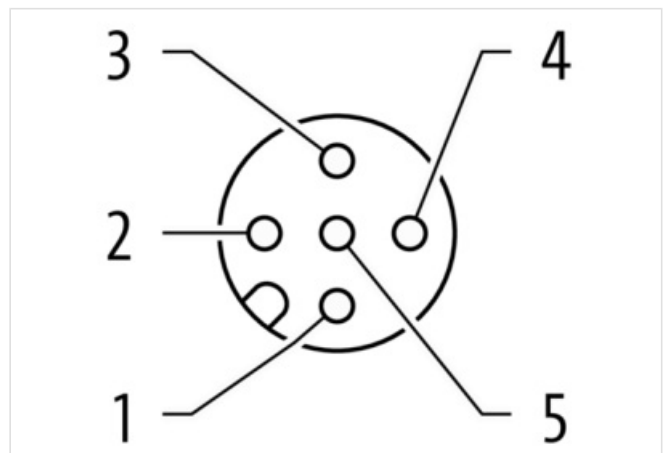
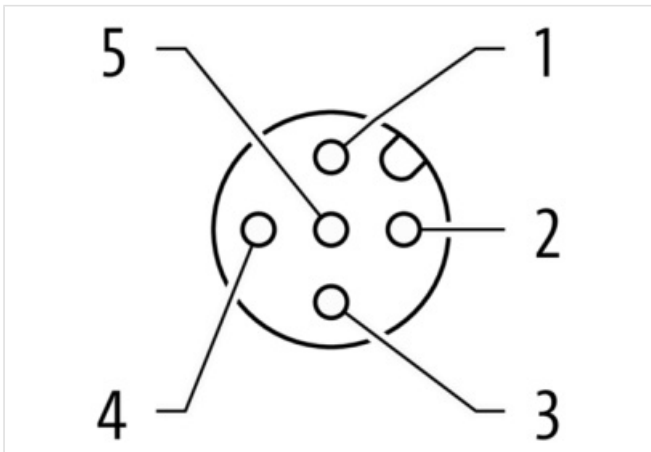
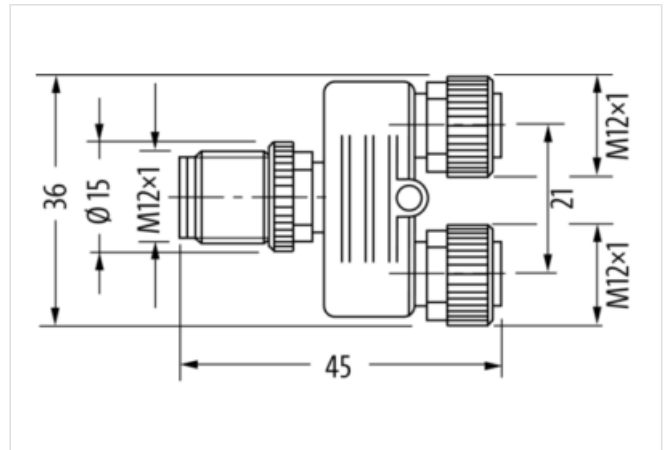
Male straight – females straight

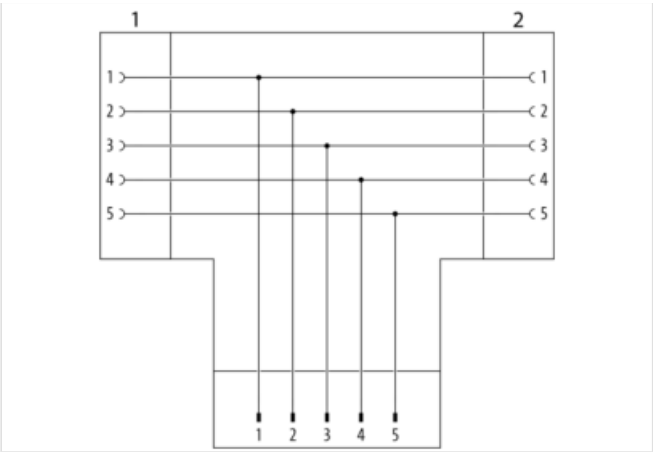
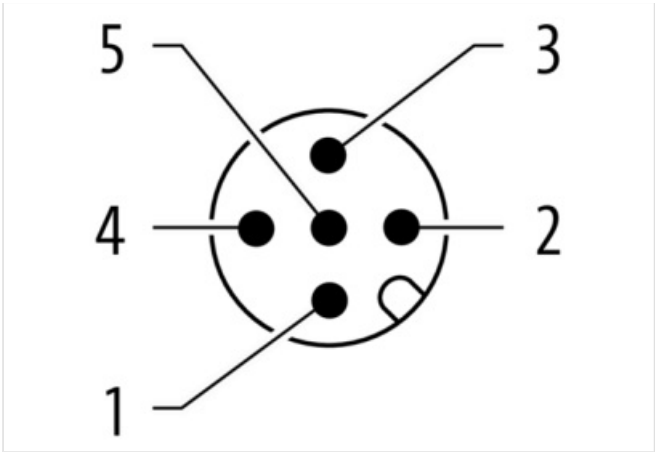
M12 – M12, 5-pole

Parallel circuit

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)
**Illustration**




Product may differ from Image



Side 1

|                                     |                    |
|-------------------------------------|--------------------|
| Family construction form            | M12                |
| No. of poles                        | 5                  |
| Coding                              | A                  |
| Gender                              | female             |
| Mounting method                     | pluggable, screwed |
| Threaded hole                       | M12 x 1            |
| Tightening torque                   | 0,6 Nm             |
| Width across flats                  | SW13               |
| Degree of protection (EN IEC 60529) | IP67               |

Side 2

|                                     |                    |
|-------------------------------------|--------------------|
| Family construction form            | M12                |
| No. of poles                        | 5                  |
| Coding                              | A                  |
| Gender                              | female             |
| Mounting method                     | pluggable, screwed |
| Threaded hole                       | M12 x 1            |
| Tightening torque                   | 0,6 Nm             |
| Width across flats                  | SW13               |
| Degree of protection (EN IEC 60529) | IP67               |

Side 3

|                                     |                    |
|-------------------------------------|--------------------|
| Family construction form            | M12                |
| No. of poles                        | 5                  |
| Coding                              | A                  |
| Gender                              | male               |
| Mounting method                     | pluggable, screwed |
| Threaded hole                       | M12 x 1            |
| Tightening torque                   | 0,6 Nm             |
| Width across flats                  | SW13               |
| Degree of protection (EN IEC 60529) | IP67               |

Commercial data

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop              | <a href="https://shop.murrelektronik.com/7000-41141-0000000">https://shop.murrelektronik.com/7000-41141-0000000</a> |
| EU-Customs tariff number | 85366990                                                                                                            |

|                          |               |
|--------------------------|---------------|
| US-Customs tariff number | 8536694020    |
| ETIM-9.0                 | EC002635      |
| ETIM-10.0                | EC002635      |
| customs tariff number    | 85366990      |
| EAN                      | 4048879144841 |
| Packaging unit           | 1             |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 60 V |
| Operating voltage DC max.          | 60 V |
| Current operating per contact max. | 4 A  |
| Operating voltage AC (UL-listed)   | 30 V |
| Operating voltage DC (UL-listed)   | 30 V |

#### Diagnostics

|                       |    |
|-----------------------|----|
| Status indication LED | No |
|-----------------------|----|

#### Installation | Connection

|                    |         |
|--------------------|---------|
| Tightening torque  | 0,6 Nm  |
| Mounting set       | M12 x 1 |
| Width across flats | SW 13   |

#### Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | I                 |

#### Mechanical data | Material data

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

#### Mechanical data | Mounting data

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -30 °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 | EN IEC 61076-2-101 (M12) |
|------------------|--------------------------|