

**T-Coupler M12 male / M12 female A-cod.**

5-pol. / 2x 5-pol.

Art.No.: 7000-41181-0000000

Weight: 0.02

Country of origin: DE

Model designation: MSA02UL0-BU-BU

T-coupler

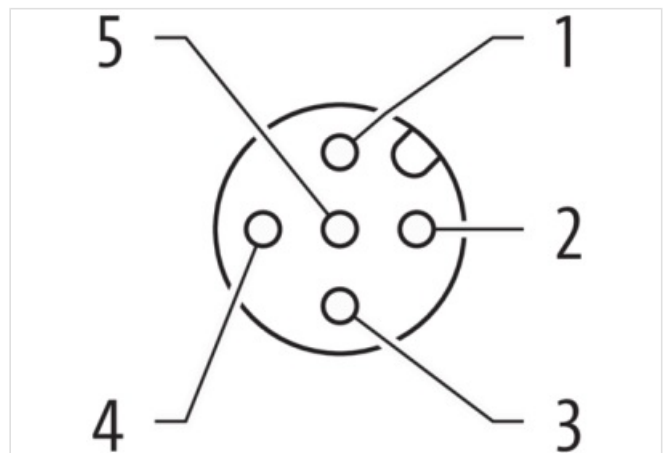
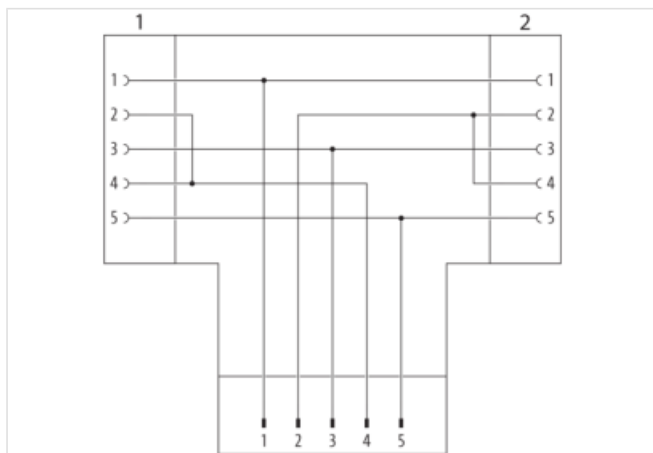
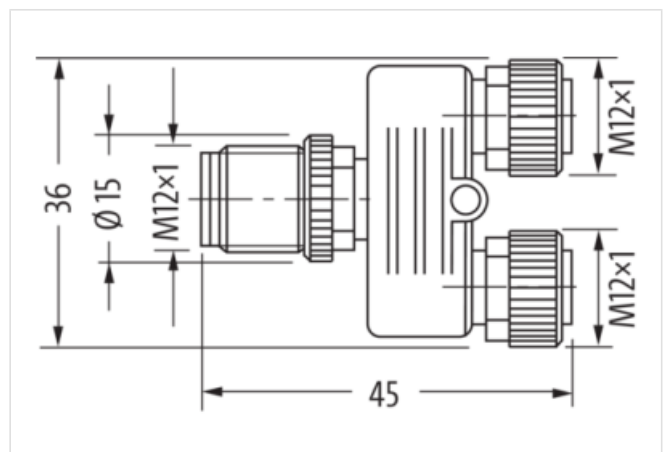
Male straight – females straight

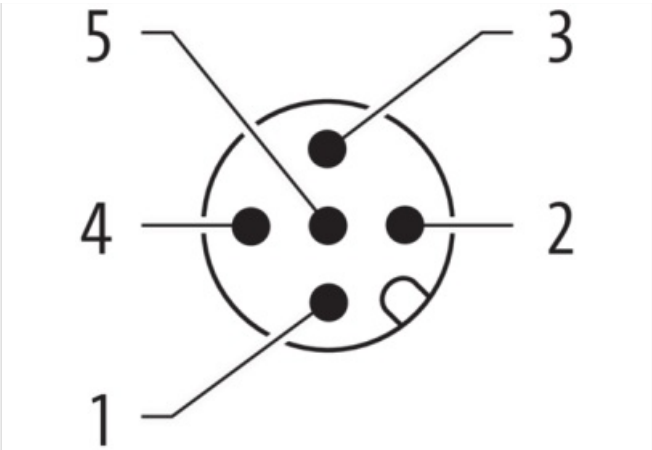
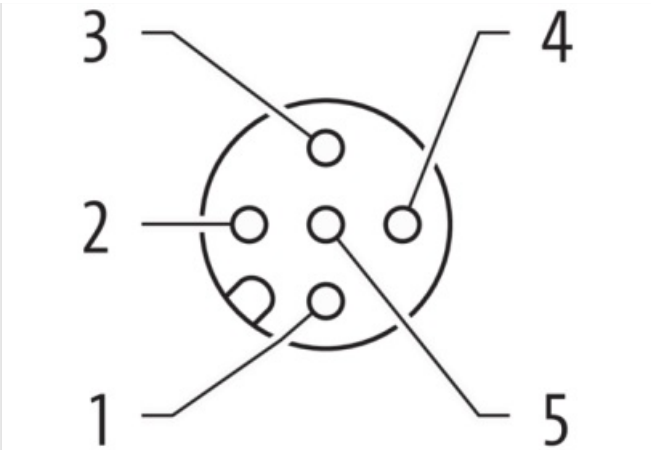
M12 – M12, 5-pole

Distribution function (NO)

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                                                                                                  |
| Thread                              | 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                                                                                                  |
| Thread                              | 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                                                                                                  |
| Thread                              | 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/7000-41181-0000000">https://shop.murrelektronik.com/7000-41181-0000000</a> |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| customs tariff number                           | 85366990                                                                                                                                              |
| EAN                                             | 4048879000840                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| 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                                                                                                                                                  |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Tightening torque                               | 0,6 Nm                                                                                                                                                |
| Mounting set                                    | M12 x 1                                                                                                                                               |
| Width across flats                              | SW 13                                                                                                                                                 |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Additional condition protection degree          | inserted, screwed                                                                                                                                     |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 1,5 kV                                                                                                                                                |
| Material group (IEC 60664-1)                    | I                                                                                                                                                     |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Locking material                                | Zinc die-casting                                                                                                                                      |
| Coating locking                                 | Nickel                                                                                                                                                |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed, Shaking protection                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -30 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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.                                                   |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | EN IEC 61076-2-101 (M12)                                                                                                                              |