

T-Coupler Slimline M12 male / 2x M8 female A-cod.

3-pol. / 2x 3-pol.

Art.No.: 7000-41231-0000000

Weight: 0.018

Country of origin: DE

Model designation: MSA01RL0-FR-FR

T-coupler (Slim Line)

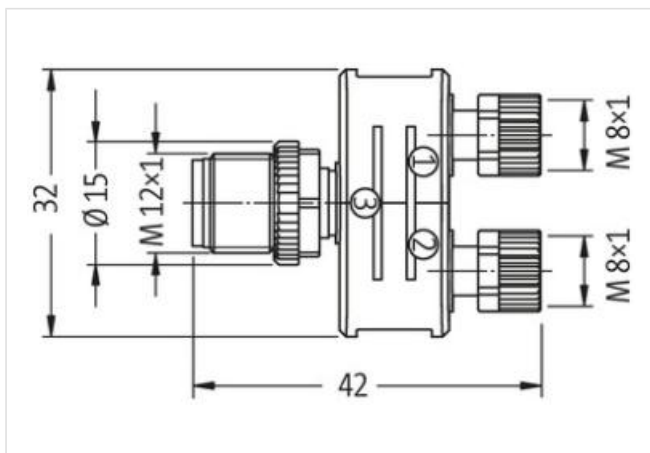
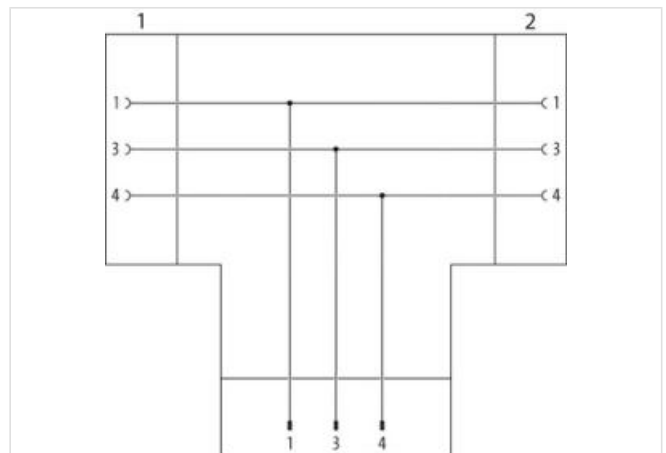
Male straight – females straight

M12 – M8, 3-pole

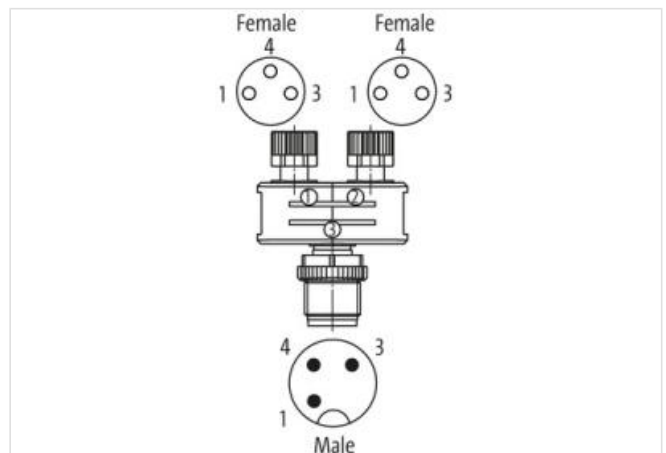
Parallel circuit

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**

Tightening torque

0,4 Nm

| | |
|-------------------------------------|--------------------|
| Mounting method | screwed, pluggable |
| Family construction form | M8 |
| Thread | M8 x 1 |
| Gender | female |
| Coding | A |
| No. of poles | 3 |
| Width across flats | SW9 |
| Degree of protection (EN IEC 60529) | IP67 |

Side 2

| | |
|-------------------------------------|--------------------|
| Tightening torque | 0,4 Nm |
| Mounting method | screwed, pluggable |
| Family construction form | M8 |
| Thread | M8 x 1 |
| Gender | female |
| Coding | A |
| No. of poles | 3 |
| Width across flats | SW9 |
| Degree of protection (EN IEC 60529) | IP67 |

Side 3

| | |
|-------------------------------------|--------------------|
| Mounting method | screwed, pluggable |
| Family construction form | M12 |
| Coding | A |
| No. of poles | 3 |
| Degree of protection (EN IEC 60529) | IP67 |
| Gender | male |
| Tightening torque | 0,6 Nm |
| Width across flats | SW13 |
| Thread | M12 x 1 |

Commercial data

| | |
|-----------------------|---------------|
| ECLASS-6.0 | 27143423 |
| ECLASS-6.1 | 27279221 |
| ECLASS-7.0 | 27440104 |
| ECLASS-8.0 | 27440104 |
| ECLASS-9.0 | 27440106 |
| ECLASS-10.1 | 27440106 |
| ECLASS-11.1 | 27440106 |
| ECLASS-12.0 | 27440106 |
| ETIM-5.0 | EC002062 |
| customs tariff number | 85366990 |
| customs tariff number | 85366990 |
| GTIN | 4048879144759 |
| GTIN | 4048879144759 |
| Packaging unit | 1 |
| 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 |

Diagnostics

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|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

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 | Mounting data

| | |
|-----------------|----------------|
| Mounting method | Schraubgewinde |
|-----------------|----------------|

Environmental characteristics | Climatic

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

| | |
|----------------------------|-------|
| Operating temperature max. | 85 °C |
|----------------------------|-------|

Important installation notes

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| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
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|------------------------|---|
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
|------------------------|---|

Conformity

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|------------------|---|
| Product standard | DIN EN 61076-2-101 (M12); DIN EN 61076-2-104 (M8) |
|------------------|---|