

**M12 Steel male 90° / M12 Steel female 90° A-cod.**

TPE-S 4x0.34 gy 1.5m

Art.No.: 7044-40261-3360150

Weight: 0.1

Country of origin: CZ

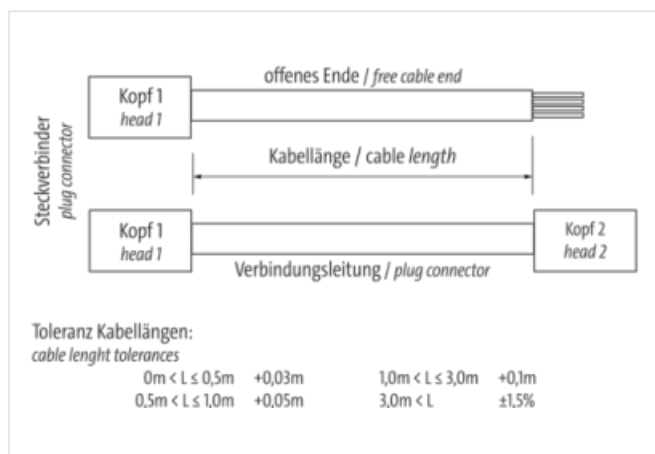
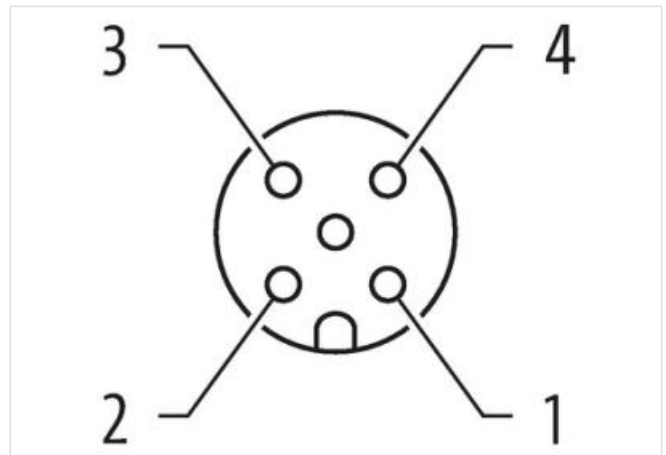
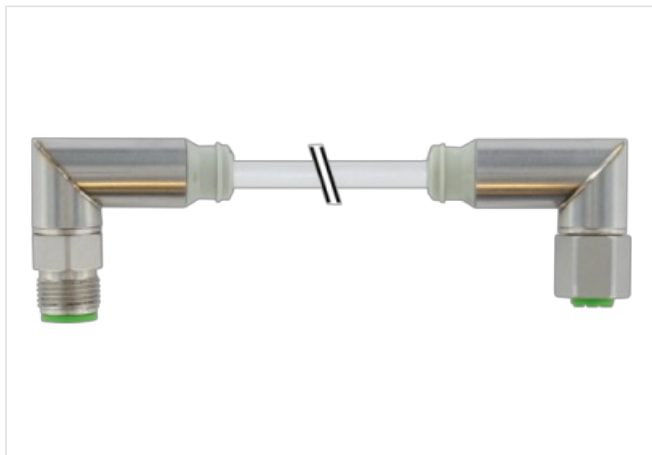
Model designation: MSDL0-C-T336\_1.5-S44

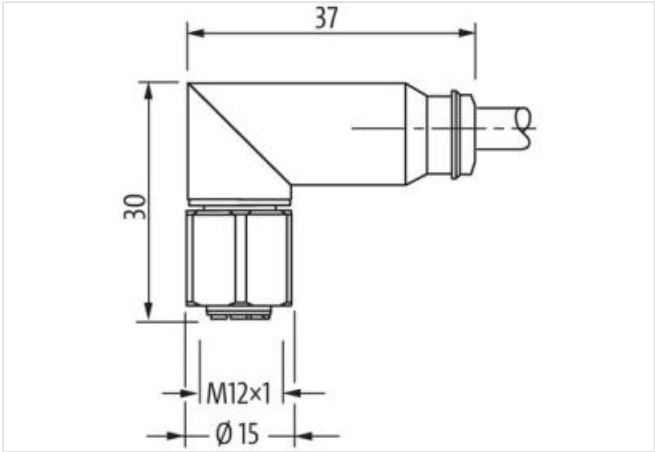
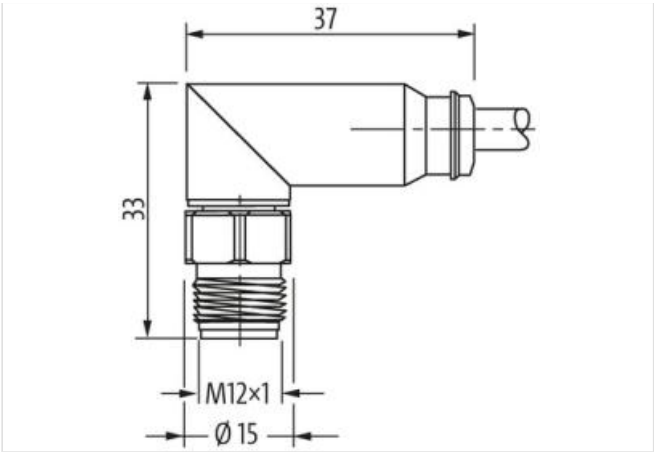
F&amp;B-Steel

Male 90° – female 90°

M12 – M12, 4-pole

Further cable lengths on request.

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



Product may differ from Image

|                                     |               |
|-------------------------------------|---------------|
| Cable length                        | 1,5 m         |
| Side 1                              |               |
| Tightening torque                   | 0,6 Nm        |
| Family construction form            | M12           |
| Thread                              | M12 x 1       |
| Degree of protection (EN IEC 60529) | IP68, IP69K   |
| Side 2                              |               |
| Tightening torque                   | 0,6 Nm        |
| Thread                              | M12 x 1       |
| Commercial data                     |               |
| ECLASS-6.0                          | 27279218      |
| ECLASS-6.1                          | 27279218      |
| ECLASS-7.0                          | 27279218      |
| ECLASS-8.0                          | 27279218      |
| ECLASS-9.0                          | 27060311      |
| ECLASS-10.1                         | 27060311      |
| ECLASS-11.1                         | 27060311      |
| ECLASS-12.0                         | 27060311      |
| ETIM-5.0                            | EC001855      |
| customs tariff number               | 85444290      |
| customs tariff number               | 85444290      |
| EAN                                 | 4048879581011 |

|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| EAN                                               | 4048879581011                                                                                                                                         |
| Packaging unit                                    | 1                                                                                                                                                     |
| Packaging unit                                    | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                   |                                                                                                                                                       |
| Operating voltage AC max.                         | 32 V                                                                                                                                                  |
| Operating voltage DC max.                         | 32 V                                                                                                                                                  |
| Current operating per contact max.                | 4 A                                                                                                                                                   |
| <b>Device protection   Electrical</b>             |                                                                                                                                                       |
| Additional condition protection degree            | inserted, screwed                                                                                                                                     |
| <b>Mechanical data   Material data</b>            |                                                                                                                                                       |
| Locking material                                  | Stainless steel 1.4404 (V4A)                                                                                                                          |
| <b>Mechanical data   Mounting data</b>            |                                                                                                                                                       |
| Mounting method                                   | inserted, screwed, Shaking protection                                                                                                                 |
| <b>Environmental characteristics   Climatic</b>   |                                                                                                                                                       |
| Operating temperature min.                        | -40 °C                                                                                                                                                |
| Operating temperature max.                        | 85 °C                                                                                                                                                 |
| Additional condition temperature range            | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>               |                                                                                                                                                       |
| Note on strain relief                             | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| 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. |
| <b>Installation   Cable</b>                       |                                                                                                                                                       |
| wire arrangement                                  | brown, white, blue, black                                                                                                                             |
| Cable identification                              | 336                                                                                                                                                   |
| Jacket Color                                      | gray                                                                                                                                                  |
| Amount stranding                                  | 1                                                                                                                                                     |
| Stranding                                         | 4 wires twisted                                                                                                                                       |
| wire arrangement                                  | brown, white, blue, black                                                                                                                             |
| Cable weight                                      | 43,01 g/m                                                                                                                                             |
| Material jacket                                   | TPE-S                                                                                                                                                 |
| Shore hardness jacket                             | 80 ± 5 Shore A                                                                                                                                        |
| Outer-diameter (jacket)                           | 5,2 mm                                                                                                                                                |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                                                                                                                 |
| Material wire insulation                          | TPE-S                                                                                                                                                 |
| Amount wires                                      | 4                                                                                                                                                     |
| Outer diameter insulation                         | 1,5 mm                                                                                                                                                |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                                                                 |
| Shore hardness wire insulation                    | 90 ± 5 Shore A                                                                                                                                        |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free                                                                                                       |
| Amount strands (wire)                             | 180                                                                                                                                                   |
| Diameter of single wires                          | 0,05 mm                                                                                                                                               |
| Conductor crosssection (wire)                     | 0,34 mm²                                                                                                                                              |
| Material conductor wire                           | Stranded copper wire, bare                                                                                                                            |
| Conductor type (wire)                             | strand class 6                                                                                                                                        |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                                                                                                                     |
| Current load capacity min. wire                   | 4,8 A                                                                                                                                                 |
| Electrical resistance line constant wire          | 57 Ω/km @ 20 °C                                                                                                                                       |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s                                                                                                                                         |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s                                                                                                                                         |
| Min. operating temperature (static)               | -50 °C                                                                                                                                                |
| Max. operating temperature (fixed)                | 125 °C                                                                                                                                                |

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| Operating temperature min. (dynamic) | -30 °C                                               |
| Operating temperature max. (dynamic) | 105 °C                                               |
| Flame resistance                     | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance                  | Good, application-related testing                    |
| Gasoline resistance                  | Good, application-related testing                    |
| Oil resistance                       | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)               | 10 x Outer diameter                                  |
| Bending radius (dynamic)             | 15 x Outer diameter                                  |