

**M12 Steel male 0° / M12 Steel female 0° A-cod.**

TPE-S 4x0.34 gy 2m

Art.No.: 7044-40021-3360200

Weight: 0.099

Country of origin: CZ

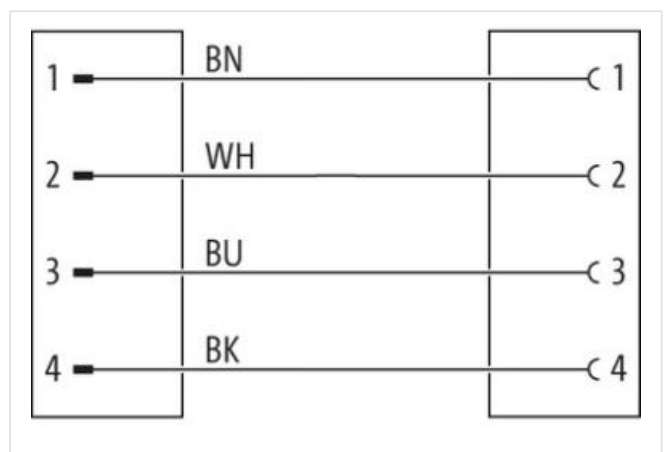
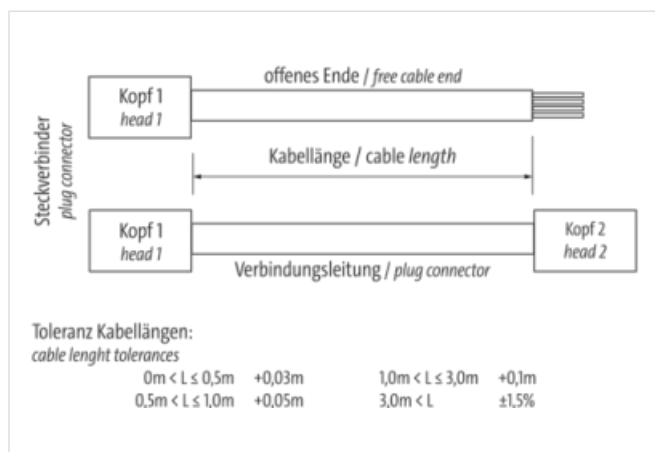
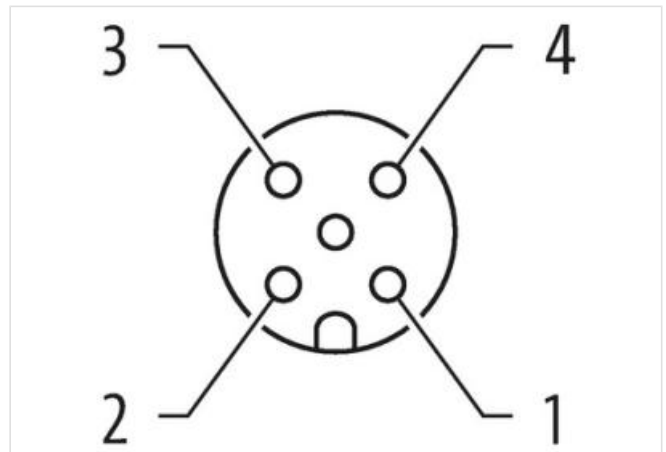
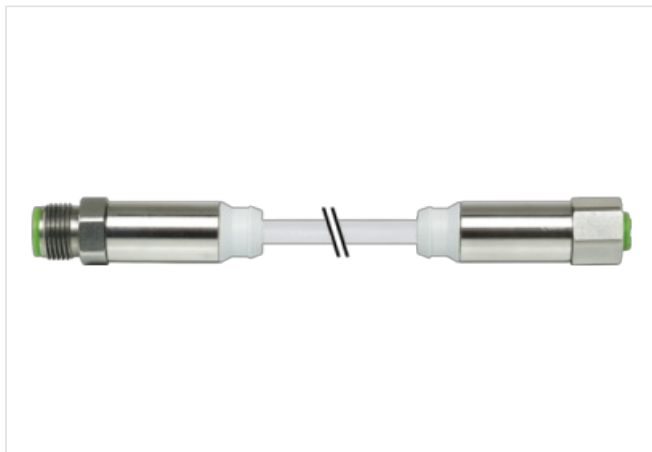
Model designation: MSBL0-A-T336\_2.0-S44

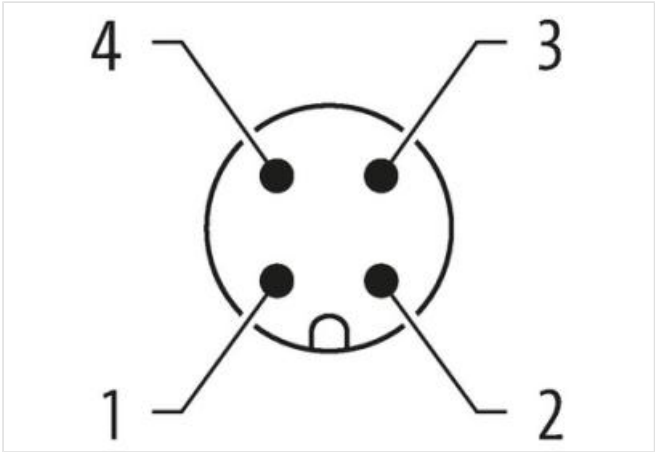
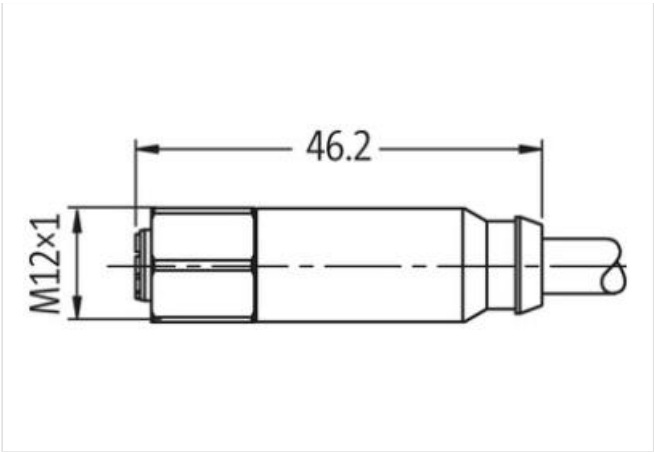
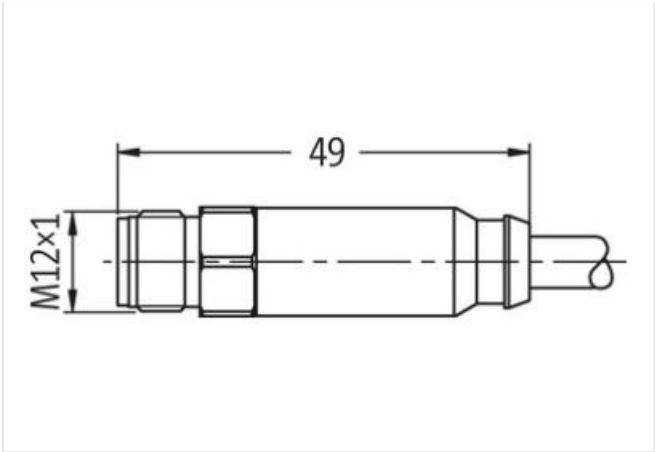
F&amp;B-Steel

Male straight – female straight

M12 – M12, 4-pole

Further cable lengths on request.

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



Product may differ from Image

|                                          |               |
|------------------------------------------|---------------|
| Cable length                             | 2 m           |
| Side 1                                   |               |
| Family construction form                 | M12           |
| 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      |
| EAN                                      | 4048879107600 |
| Packaging unit                           | 1             |
| Electrical data   Supply                 |               |
| Operating voltage AC max.                | 32 V          |
| Operating voltage DC max.                | 32 V          |
| Environmental characteristics   Climatic |               |
| Operating temperature min.               | -40 °C        |
| Operating temperature max.               | 85 °C         |

Additional condition temperature range      depending on cable quality

#### Important installation notes

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

#### Installation | Cable

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| 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 mm <sup>2</sup>                                 |
| 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                                  |