

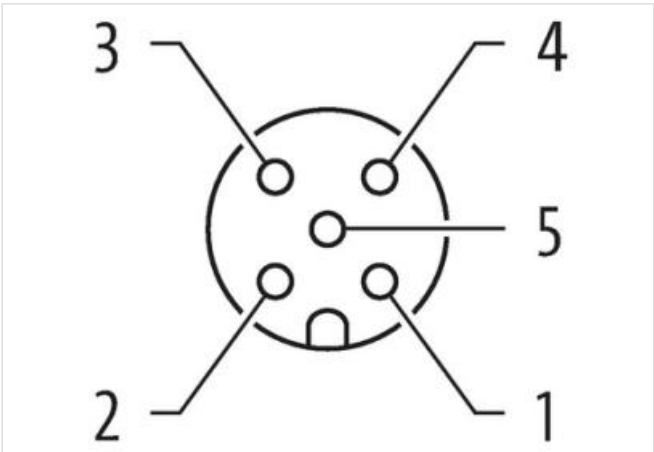
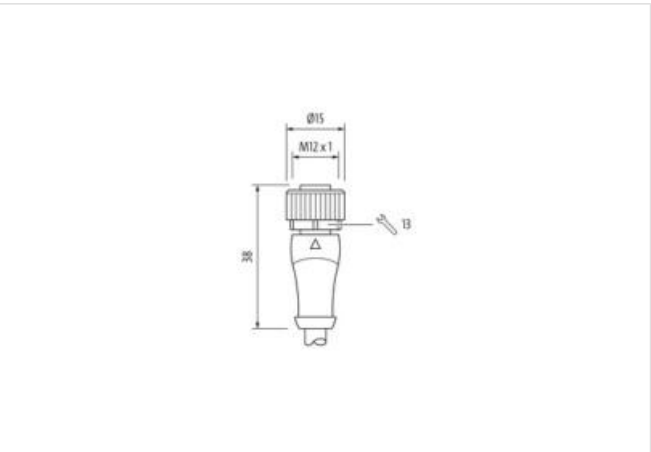
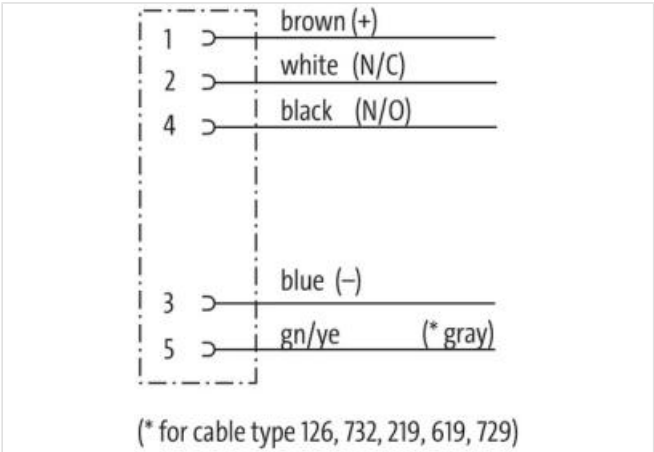
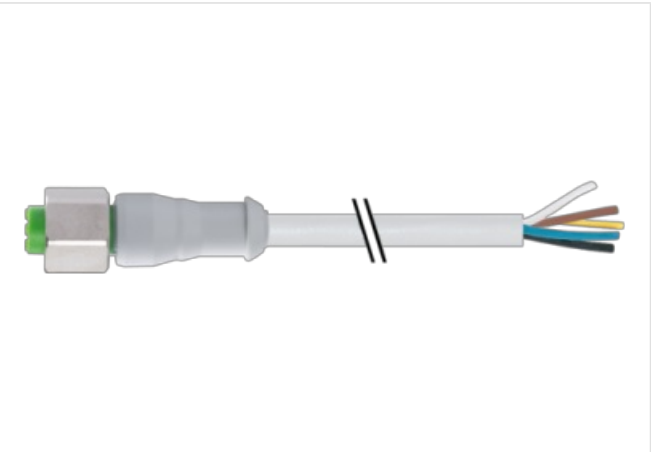
M12 female 0° A-cod. with cable F&B

PVC 5x0.34 gy 5m

Plug Connectors for Food & Beverage  
Female straight  
M12, 5-pole  
A-coded  
Stainless steel 1.4404 (V4A)  
Profile gasket  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image

|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 5 m               |
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coding                                          | A                                                                                                                                                     |
| No. of poles                                    | 5                                                                                                                                                     |
| Width across flats                              | SW14                                                                                                                                                  |
| Degree of protection (EN IEC 60529)             | IP65, IP66K, IP67, IP68                                                                                                                               |
| <b>Side 2</b>                                   |                                                                                                                                                       |
| Stripping length (jacket)                       | 20 mm                                                                                                                                                 |
| <b>Commercial data</b>                          |                                                                                                                                                       |
| 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                                                                                                                                              |
| GTIN                                            | 4048879495455                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 125 V                                                                                                                                                 |
| Operating voltage DC max.                       | 125 V                                                                                                                                                 |
| Current operating per contact max.              | 4 A                                                                                                                                                   |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Stripping length (jacket)                       | 20 mm                                                                                                                                                 |
| <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                                | 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.                      | -25 °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, black, blue, white, gray                                                                                                                       |
| Cable identification                            | 344                                                                                                                                                   |
| Jacket Color                                    | gray                                                                                                                                                  |
| Amount stranding                                | 1                                                                                                                                                     |
| Stranding                                       | 5 wires around Filler twisted                                                                                                                         |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Stranding factor min.                             | 0 mm                                                 |
| Stranding factor max.                             | 95 mm                                                |
| Filler                                            | yes                                                  |
| wire arrangement                                  | brown, black, blue, white, gray                      |
| Cable weight                                      | 60,5 g/m                                             |
| Material jacket                                   | PUR                                                  |
| Shore hardness jacket                             | 80 Shore A                                           |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free                    |
| Outer-diameter (jacket)                           | 5,9 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | PVC                                                  |
| Amount wires                                      | 5                                                    |
| Outer diameter insulation                         | 1,4 mm                                               |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Shore hardness wire insulation                    | 92 Shore A                                           |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free                    |
| Amount strands (wire)                             | 19                                                   |
| Diameter of single wires                          | 0,15 mm                                              |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                 |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Conductor type (wire)                             | Strand class 5                                       |
| Nominal voltage AC max.                           | 300 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 4,5 A                                                |
| Electrical resistance line constant wire          | 53 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s                                        |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s                                        |
| Min. operating temperature (static)               | -30 °C                                               |
| Max. operating temperature (fixed)                | 80 °C                                                |
| Operating temperature min. (dynamic)              | -5 °C                                                |
| Operating temperature max. (dynamic)              | 70 °C                                                |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (dynamic)                          | 15 x Outer diameter                                  |