

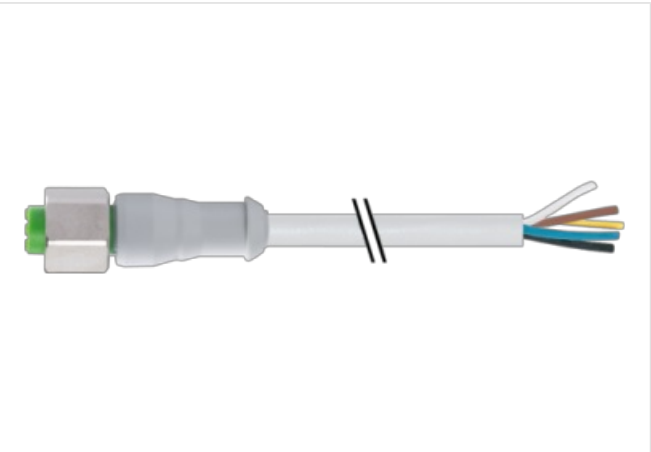
M12 female 0° A-cod. with cable F&B

PVC 5x0.34 gy UL/CSA 60m

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      | 60 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 |

#### Side 2

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

#### 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      |
| GTIN                  | 4048879883047 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 125 V |
| Operating voltage DC max.          | 125 V |
| Current operating per contact max. | 4 A   |

#### Diagnostics

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

#### Installation | Connection

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

#### 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 | Material data

|                  |                              |
|------------------|------------------------------|
| Locking material | Stainless steel 1.4404 (V4A) |
|------------------|------------------------------|

#### Mechanical data | Mounting data

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

#### Environmental characteristics | Climatic

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °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, black, blue, white, green-yellow |
|------------------|-----------------------------------------|

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Cable identification                              | 215                                                  |
| Cable Type                                        | 1                                                    |
| Jacket Color                                      | gray                                                 |
| Type of Certificate                               | cURus                                                |
| Amount stranding                                  | 1                                                    |
| Stranding                                         | 5 wires around Core filler twisted                   |
| Filler                                            | yes                                                  |
| wire arrangement                                  | brown, black, blue, white, green-yellow              |
| Cable weight                                      | 48,4 g/m                                             |
| Material jacket                                   | PVC                                                  |
| Shore hardness jacket                             | 85 ± 5 Shore A                                       |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, silicone-free     |
| Outer-diameter (jacket)                           | 5,2 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | PVC                                                  |
| Amount wires                                      | 5                                                    |
| Outer diameter insulation                         | 1,25 mm                                              |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Shore hardness wire insulation                    | 45 ± 5 Shore D                                       |
| Material properties wire insulation               | good machinability                                   |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, silicone-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          | 57 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                          |
| Power frequency withstand voltage (wire - jacket) | 2 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)              | 80 °C                                                |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |