

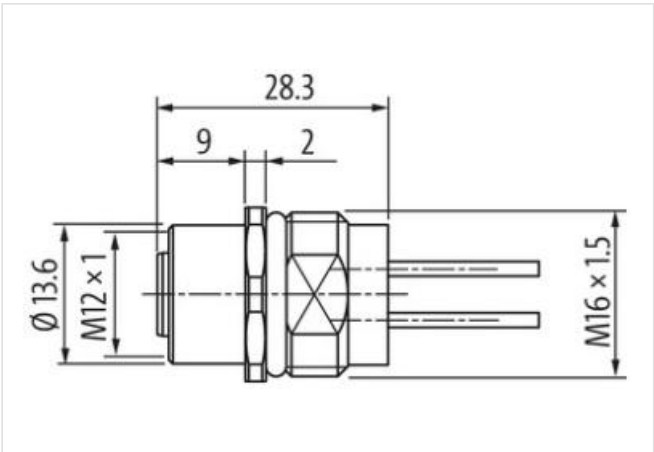
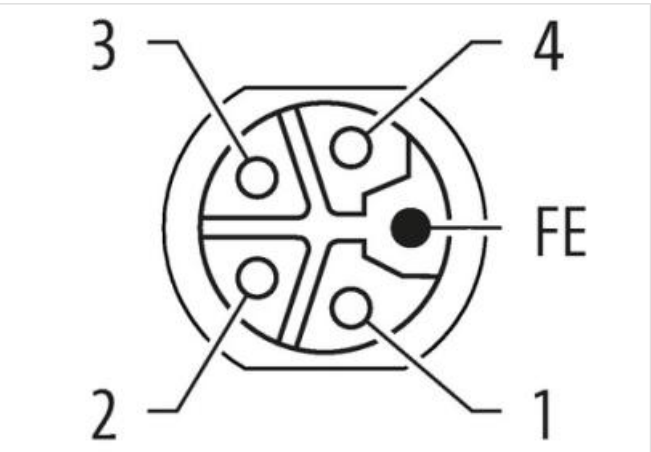
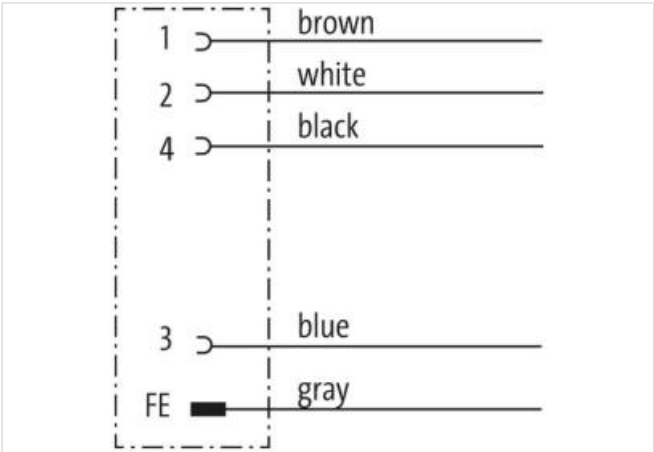
M12 Power female recept. L-cod. front V2A

PUR-wires 5x1.5 1m

Flange female  
M12, 5-pole  
L-coded  
Stainless steel 1.4305 (V2A)  
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.  
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



Cable length 1 m

Side 1

Tightening torque 0,6 Nm

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Family construction form                        | M12P                                                                                                                                                  |
| Thread                                          | M12                                                                                                                                                   |
| Coding                                          | L                                                                                                                                                     |
| No. of poles                                    | 5                                                                                                                                                     |
| <b>Commercial data</b>                          |                                                                                                                                                       |
| ECLASS-6.0                                      | 27279221                                                                                                                                              |
| ECLASS-6.1                                      | 27279220                                                                                                                                              |
| ECLASS-7.0                                      | 27440103                                                                                                                                              |
| ECLASS-8.0                                      | 27440103                                                                                                                                              |
| ECLASS-9.0                                      | 27440103                                                                                                                                              |
| ECLASS-10.1                                     | 27440103                                                                                                                                              |
| ECLASS-11.1                                     | 27440103                                                                                                                                              |
| ECLASS-12.0                                     | 27440103                                                                                                                                              |
| ETIM-5.0                                        | EC001855                                                                                                                                              |
| customs tariff number                           | 85444290                                                                                                                                              |
| GTIN                                            | 4048879630139                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 63 V                                                                                                                                                  |
| Operating voltage DC max.                       | 63 V                                                                                                                                                  |
| Current operating per contact max.              | 16 A                                                                                                                                                  |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M16 x 1.5                                                                                                                                             |
| Width across flats                              | SW17                                                                                                                                                  |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP65, IP67                                                                                                                                            |
| Protection NEMA                                 | 3, 4, 6P                                                                                                                                              |
| 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 1.4305 (V2A)                                                                                                                          |
| <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>Approvals</b>                                |                                                                                                                                                       |
| UL 50E                                          | yes                                                                                                                                                   |
| <b>Resistances   Cable</b>                      |                                                                                                                                                       |
| wire arrangement                                | brown, black, blue, white, gray                                                                                                                       |
| Cable identification                            | 980                                                                                                                                                   |
| wire arrangement                                | brown, black, blue, white, gray                                                                                                                       |
| Material wire insulation                        | PUR                                                                                                                                                   |
| Amount wires                                    | 5                                                                                                                                                     |

|                                          |                                                      |
|------------------------------------------|------------------------------------------------------|
| Outer diameter insulation                | 2,4 mm                                               |
| Outer diameter tolerance core insulation | ± 5 %                                                |
| Amount strands (wire)                    | 30                                                   |
| Diameter of single wires                 | 0,25 mm                                              |
| Conductor crosssection (wire)            | 1,5 mm <sup>2</sup>                                  |
| Material conductor wire                  | copper stranded wire, tinned                         |
| Conductor type (wire)                    | Strand class 5                                       |
| Min. operating temperature (static)      | -40 °C                                               |
| Max. operating temperature (fixed)       | 90 °C                                                |
| Operating temperature min. (dynamic)     | -25 °C                                               |
| Operating temperature max. (dynamic)     | 90 °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 |