

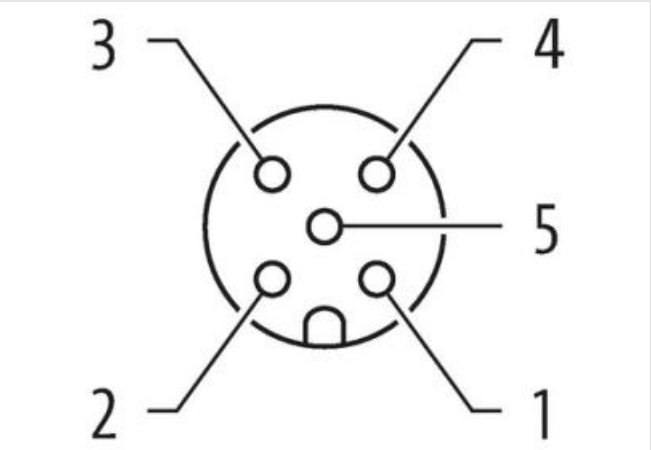
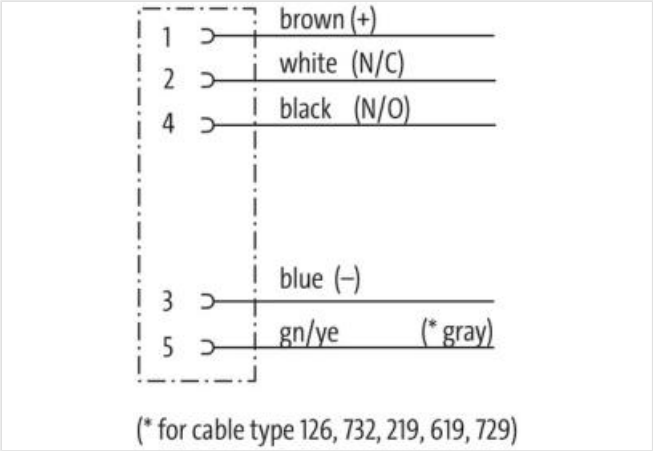
**M12 female recept. A-cod. front V2A**

PP-wires 5x0.34 1m

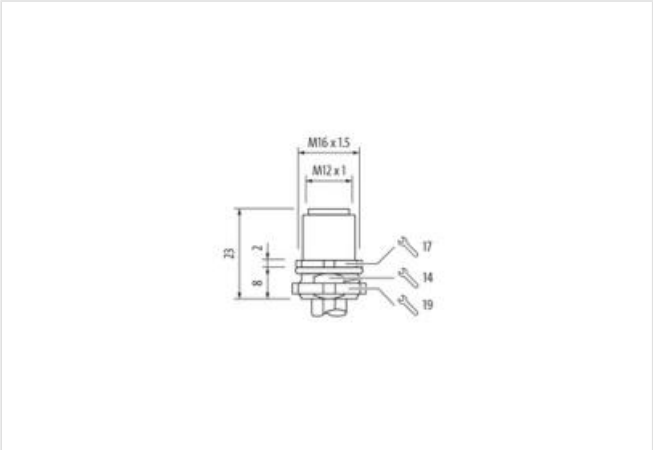
Flange female  
M12, 5-pole  
Front mounting  
with multi-strand wire  
Stainless steel 1.4305 (V2A)

**Linkki tuotteeseen**

**Kuvat**



Tuote voi erota kuvassa olevasta



|                   |                   |
|-------------------|-------------------|
| Cable length      | 1 m               |
| <b>Side 1</b>     |                   |
| Tightening torque | 0,6 Nm            |
| Mounting method   | inserted, screwed |

|                                     |              |
|-------------------------------------|--------------|
| Coating contact                     | gold plated  |
| Family construction form            | M12          |
| Thread                              | M12 x 1      |
| Coding                              | A            |
| Material contact                    | Copper alloy |
| No. of poles                        | 5            |
| Degree of protection (EN IEC 60529) | IP67         |

Side 2

|                 |             |
|-----------------|-------------|
| Coating contact | gold plated |
|-----------------|-------------|

Kaupalliset tiedot

|             |               |
|-------------|---------------|
| ECLASS-6.0  | 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      |
| GTIN        | 4048879333146 |
| Pakkauskoko | 1             |
| Tullinumero | 85444290      |

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

|                    |           |
|--------------------|-----------|
| Mounting set       | M16 x 1.5 |
| Width across flats | SW17      |

Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| 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                 |

Mechanical data

|                             |         |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

Mechanical data | Material data

|                  |                              |
|------------------|------------------------------|
| Material gasket  | FKM                          |
| Material housing | Stainless steel 1.4305 (V2A) |
| Locking material | Stainless steel 1.4305 (V2A) |

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. |
| <b>Conformity</b>                                 |                                                                                                                                                       |
| Product standard                                  | DIN EN 61076-2-101 (M12)                                                                                                                              |
| <b>Approvals</b>                                  |                                                                                                                                                       |
| UL 50E                                            | yes                                                                                                                                                   |
| <b>Resistances   Cable</b>                        |                                                                                                                                                       |
| Cable identification                              | 972                                                                                                                                                   |
| wire arrangement                                  | brown, white, blue, black, gray                                                                                                                       |
| Material wire insulation                          | PUR                                                                                                                                                   |
| Amount wires                                      | 5                                                                                                                                                     |
| Outer diameter insulation                         | 1,3 mm                                                                                                                                                |
| Outer diameter tolerance core insulation          | ± 5 %                                                                                                                                                 |
| Amount strands (wire)                             | 19                                                                                                                                                    |
| Diameter of single wires                          | 0,15 mm                                                                                                                                               |
| Conductor crossection (wire)                      | 0,34 mm²                                                                                                                                              |
| Material conductor wire                           | copper stranded wire, tinned                                                                                                                          |
| Conductor type (wire)                             | Strand class 5                                                                                                                                        |
| Nominal voltage AC max.                           | 300 V                                                                                                                                                 |
| Electrical resistance line constant wire          | 58 Ω/km @ 20 °C                                                                                                                                       |
| AC withstand voltage (wire - wire)                | 1,5 kV                                                                                                                                                |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV                                                                                                                                                |
| 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                                    | Good, application-related testing   DIN EN 60811-404                                                                                                  |