

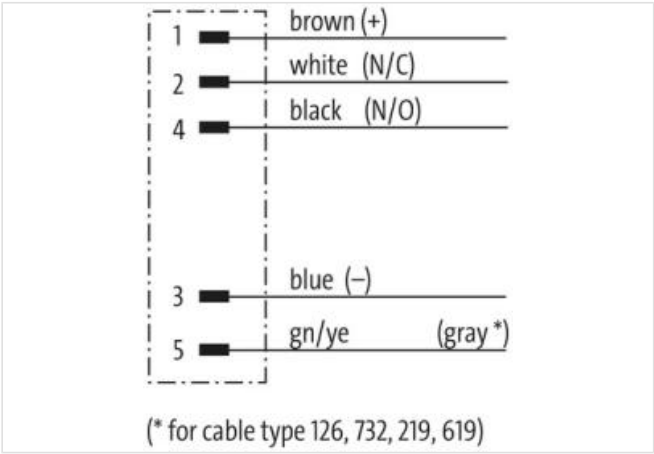
M12 male recept. A-cod. front

PVC-wires 5x0.34 2m

Flange male  
M12, 5-pole  
Front mounting  
with multi-strand wire

Link to Product

Illustration



Product may differ from Image



Cable length 2 m

|                          |                   |
|--------------------------|-------------------|
| Side 1                   |                   |
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |

|                                     |                  |
|-------------------------------------|------------------|
| Thread                              | M12 x 1          |
| Coding                              | A                |
| Material                            | Zinc die-casting |
| No. of poles                        | 5                |
| Width across flats                  | SW14             |
| Degree of protection (EN IEC 60529) | IP67             |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27279220      |
| 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                  | 4048879854504 |
| 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   |

#### Installation | Connection

|              |           |
|--------------|-----------|
| Mounting set | M16 x 1.5 |
|--------------|-----------|

#### Installation | Pin assignment

|               |            |
|---------------|------------|
| Configuration | fully used |
|---------------|------------|

#### 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 | Material data

|                           |                  |
|---------------------------|------------------|
| Coating locking           | Nickel           |
| Coating of fitting        | nickel plated    |
| Locking material          | Zinc die-casting |
| Material screw connection | Zinc die-casting |

#### Mechanical data | Mounting data

|                    |                |
|--------------------|----------------|
| Mounting method    | Schraubgewinde |
| Looking techniques | Schraubgewinde |

#### 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. |

#### Approvals

|        |     |
|--------|-----|
| UL 50E | yes |
|--------|-----|

| Installation   Cable                 |  |
|--------------------------------------|--|
| Cable identification                 | 902  |
| wire arrangement                     | brown, white, blue, black, gray                      |
| Outer-diameter (jacket)              | 1,4 mm   |
| Tolerance outer diameter (sheath)    | ± 5 %  |
| Material wire insulation             | PVC  |
| Amount wires                         | 5  |
| Conductor crosssection (wire)        | 0,34 mm <sup>2</sup>                                 |
| Min. operating temperature (static)  | -40 °C   |
| Max. operating temperature (fixed)   | 105 °C   |
| Operating temperature min. (dynamic) | -5 °C  |
| Operating temperature max. (dynamic) | 105 °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                       | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)               | 5 x Outer diameter                                   |