

M12 male recept. A-cod. front F&B

TPE-wires 12x0.14 1m

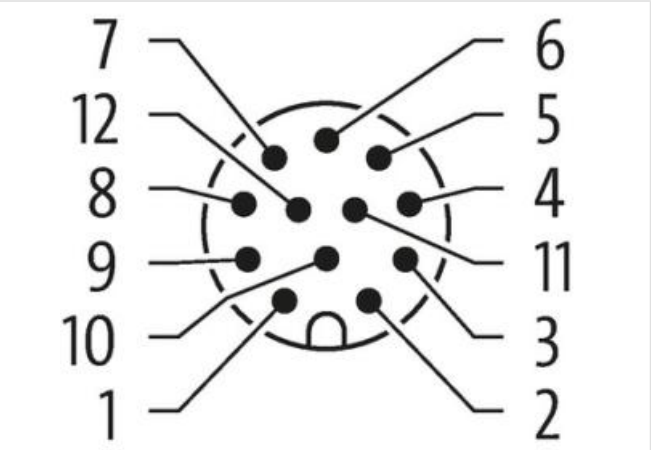
F&B  
Flange male  
M12, 12-pole  
Front mounting  
Stainless steel 1.4404 (V4A)

Link do produto

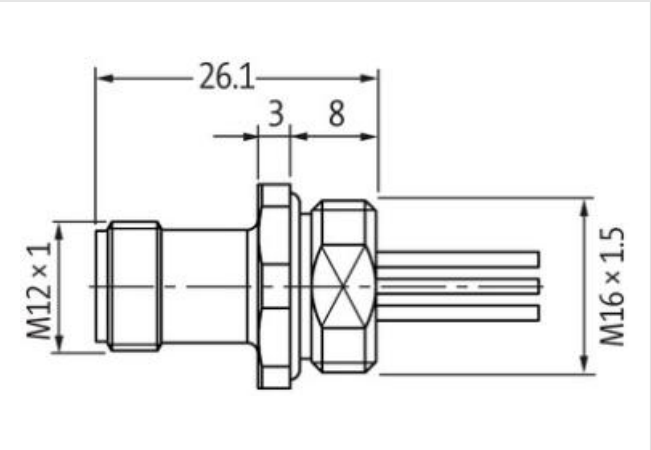
Ilustração



|    |       |
|----|-------|
| 1  | BN    |
| 2  | BU    |
| 3  | WH    |
| 4  | GN    |
| 5  | PK    |
| 6  | YE    |
| 7  | BK    |
| 8  | GY    |
| 9  | RD    |
| 10 | VT    |
| 11 | GY PK |
| 12 | RD BU |



Produto pode diferir da imagem



Cable length 1 m

Side 1

Tightening torque 0,6 Nm

Family construction form M12

|                                     |         |
|-------------------------------------|---------|
| Thread                              | M12 x 1 |
| Coding                              | A       |
| No. of poles                        | 12      |
| Degree of protection (EN IEC 60529) | IP67    |

**Dados comerciais**

|                          |               |
|--------------------------|---------------|
| 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      |
| Classificação fiscal     | 85444290      |
| GTIN                     | 4048879364386 |
| Quantidade por embalagem | 1             |

**Electrical data | Supply**

|                                    |       |
|------------------------------------|-------|
| Operating voltage AC max.          | 30 V  |
| Operating voltage DC max.          | 30 V  |
| Current operating per contact max. | 1,5 A |

**Diagnostics**

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

**Installation | Connection**

|                    |           |
|--------------------|-----------|
| Mounting set       | M16 x 1.5 |
| Width across flats | SW19      |

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Protection NEMA                        | 3, 4, 6P          |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 0,8 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. |

**Approvals**

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

**Installation | Cable**

|                          |                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------|
| Cable identification     | 979                                                                                    |
| wire arrangement         | brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue |
| Material wire insulation | PP                                                                                     |

|                                          |                                                      |
|------------------------------------------|------------------------------------------------------|
| Amount wires                             | 12                                                   |
| Outer diameter insulation                | 1,25 mm                                              |
| Outer diameter tolerance core insulation | ± 5 %                                                |
| Conductor crosssection (wire)            | 0,14 mm <sup>2</sup>                                 |
| Min. operating temperature (static)      | -40 °C                                               |
| Max. operating temperature (fixed)       | 85 °C                                                |
| Operating temperature min. (dynamic)     | -25 °C                                               |
| Operating temperature max. (dynamic)     | 85 °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 (fixed)                   | 5 x Outer diameter                                   |
| Bending radius (dynamic)                 | 15 x Outer diameter                                  |