

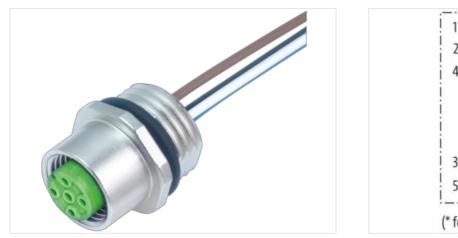
## M12 female recept. A-cod. front

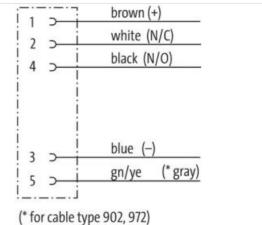
PVC-wires 5x0.34 1m

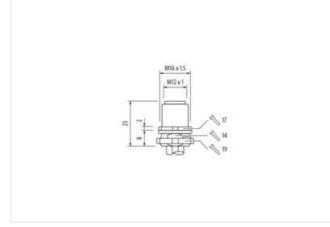
Flange female M12, 5-pole Front mounting with multi-strand wire

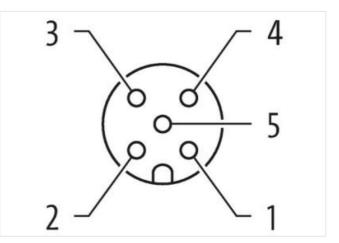
## Link to Product

## Illustration









Product may differ from Image



| Cable length      | 1 m               |  |
|-------------------|-------------------|--|
| Side 1            |                   |  |
| Tightening torque | 0,6 Nm            |  |
| Mounting method   | inserted, screwed |  |
| Coating contact   | gold plated       |  |

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Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



| Family construction form                             | M12                        |
|------------------------------------------------------|----------------------------|
| Thread                                               | M12 x 1                    |
| Coding                                               | A                          |
| Material contact                                     | Copper alloy               |
| Material                                             | Zinc die-casting           |
| No. of poles                                         | 5                          |
| Degree of protection (EN IEC 60529)                  | IP67                       |
| Side 2                                               |                            |
| Coating contact                                      | gold plated                |
| 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                                                 | 4048879295185              |
| 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                            |                            |
| Mounting set                                         | M16 x 1.5                  |
| 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)                         |                            |
| Mechanical data   Material data                      |                            |
| Coating housing                                      | nickel plated              |
| Coating locking                                      | vermessingt                |
| Coating of fitting                                   | nickel plated              |
| Material gasket                                      | FKM                        |
| 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                         |                            |
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| 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               | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be<br>endangered by excessive bending forces. |  |
| Conformity                           |                                                                                                                                                   |  |
| Product standard                     | DIN EN 61076-2-101 (M12)                                                                                                                          |  |
| 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                                                                                                                                |  |
|                                      |                                                                                                                                                   |  |

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