

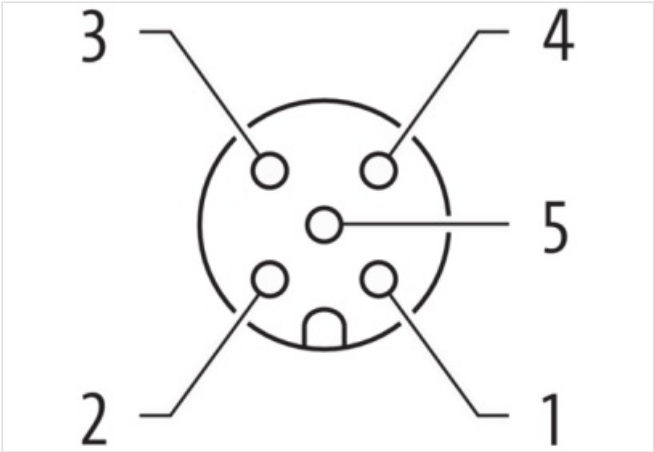
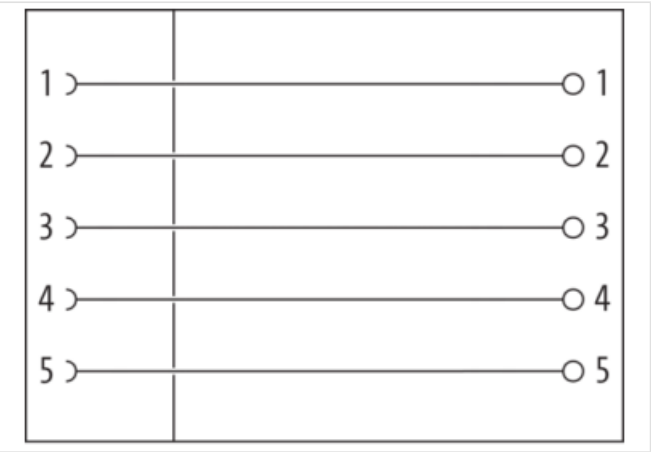
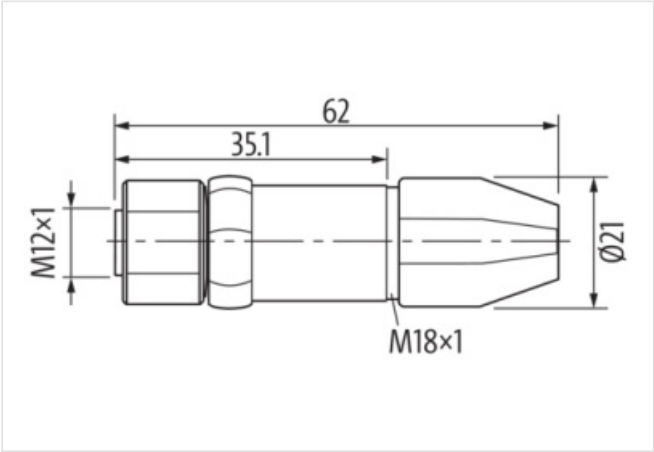
M12 female 0° A-cod. screw terminal F&B Pro

5-pol., 0,25 - 1,0mm², 3,5 - 6mm  
Art.No.: 7024-12921-0000000  
Weight: 0.042  
Country of origin: PL  
Model designation: MSBL0-U

M12 F&B Pro  
Female straight  
5-pole  
Screw terminals  
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image



| Header              |         |
|---------------------|---------|
| Material short text | MSBL0-U |
| Side 1              |         |

|                                                 |                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Family construction form                        | M12                                                                                                                 |
| Degree of protection (EN IEC 60529)             | IP67, IP69K, IP68, IP65                                                                                             |
| <b>Commercial data</b>                          |                                                                                                                     |
| URL Webshop                                     | <a href="https://shop.murrelektronik.com/7024-12921-0000000">https://shop.murrelektronik.com/7024-12921-0000000</a> |
| GTIN                                            | 4048879804639                                                                                                       |
| ECLASS-6.0                                      | 27279221                                                                                                            |
| ECLASS-6.1                                      | 27260702                                                                                                            |
| ECLASS-7.0                                      | 27440102                                                                                                            |
| ECLASS-7.1                                      | 27440102                                                                                                            |
| ECLASS-8.0                                      | 27440102                                                                                                            |
| ECLASS-8.1                                      | 27440102                                                                                                            |
| ECLASS-9.0                                      | 27440116                                                                                                            |
| ECLASS-9.1                                      | 27440106                                                                                                            |
| ECLASS-10.0.1                                   | 27440106                                                                                                            |
| ECLASS-10.1                                     | 27440102                                                                                                            |
| ECLASS-11.0                                     | 27440106                                                                                                            |
| ECLASS-11.1                                     | 27440102                                                                                                            |
| ECLASS-12.0                                     | 27440116                                                                                                            |
| ECLASS-13.0                                     | 27440106                                                                                                            |
| ECLASS-14.0                                     | 27440106                                                                                                            |
| ETIM-5.0                                        | EC002635                                                                                                            |
| ETIM-6.0                                        | EC002635                                                                                                            |
| ETIM-7.0                                        | EC002635                                                                                                            |
| ETIM-8.0                                        | EC002635                                                                                                            |
| customs tariff number                           | 85366990                                                                                                            |
| EAN                                             | 4048879804639                                                                                                       |
| Packaging unit                                  | 1                                                                                                                   |
| <b>Electrical data   Supply</b>                 |                                                                                                                     |
| Operating voltage AC max.                       | 60 V                                                                                                                |
| Operating voltage DC max.                       | 60 V                                                                                                                |
| Current operating per contact max.              | 4 A                                                                                                                 |
| <b>Installation</b>                             |                                                                                                                     |
| Connection cross section min.                   | 0.25 mm <sup>2</sup>                                                                                                |
| Connection cross section max.                   | 1 mm <sup>2</sup>                                                                                                   |
| <b>Installation   Connection</b>                |                                                                                                                     |
| Tightening torque                               | 0.6 Nm                                                                                                              |
| Mounting set                                    | M12 x 1                                                                                                             |
| Width across flats                              | SW19                                                                                                                |
| <b>Device protection   Electrical</b>           |                                                                                                                     |
| Additional condition protection degree          | inserted, screwed                                                                                                   |
| <b>Mechanical data   Material data</b>          |                                                                                                                     |
| Material housing                                | PA                                                                                                                  |
| Locking material                                | Stainless steel 1.4404 (V4A)                                                                                        |
| Material gasket                                 | EPDM                                                                                                                |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                     |
| Mounting method                                 | Schraubgewinde                                                                                                      |
| Clamping range min.                             | 3.5 mm                                                                                                              |
| Clamping range max.                             | 6 mm                                                                                                                |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                     |
| Operating temperature min.                      | -25 °C                                                                                                              |
| Operating temperature max.                      | 100 °C                                                                                                              |

Important installation notes

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |