

## M12 MALE ON REAR OF MSUD VALVE PLUG FORM BI 11MM

Form BI (11 mm) – M12, connector at the rear

24 V AC  $\pm 20\%$  / DC  $\pm 25\%$

LED and suppression

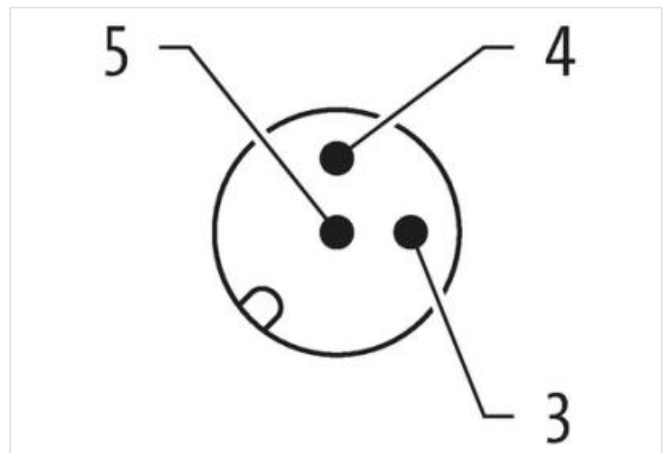
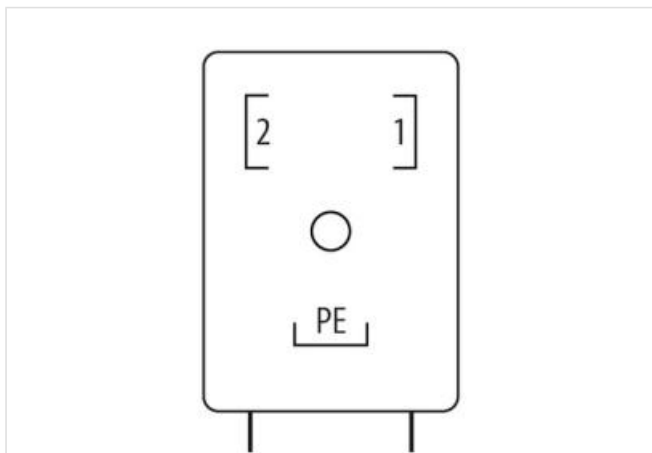
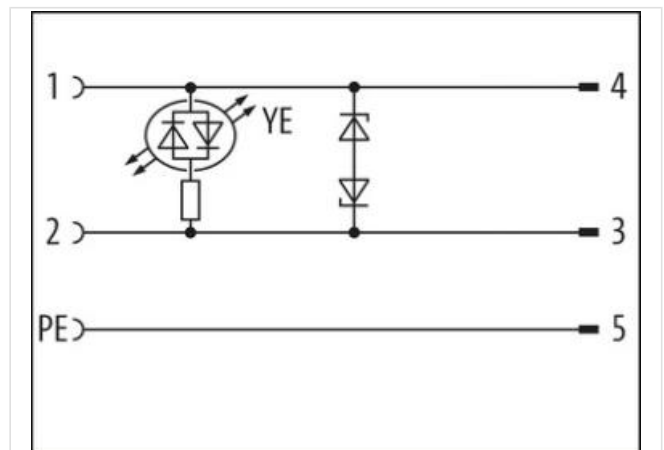
3-pole

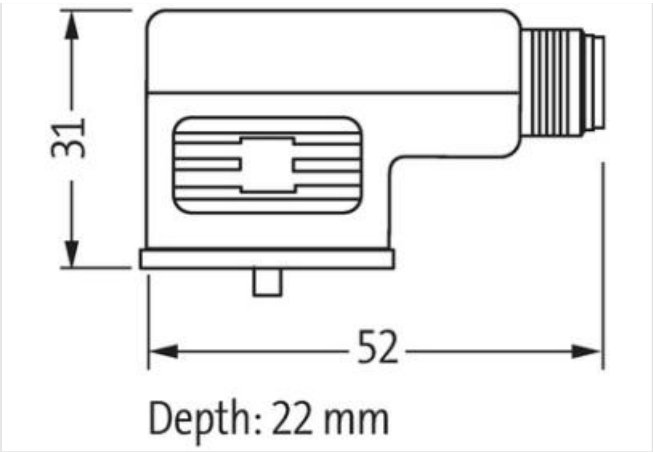
Plastic housings with good resistance against chemicals and oils.

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



| Side 1                             |               |
|------------------------------------|---------------|
| Tightening torque                  | 0,4 Nm        |
| Family construction form           | MSUD          |
| Side 2                             |               |
| Tightening torque                  | 0,6 Nm        |
| Family construction form           | M12           |
| Commercial data                    |               |
| ECLASS-6.0                         | 27143423      |
| ECLASS-6.1                         | 27279221      |
| ECLASS-7.0                         | 27440104      |
| ECLASS-8.0                         | 27440104      |
| ECLASS-9.0                         | 27440106      |
| ECLASS-10.1                        | 27440106      |
| ECLASS-11.1                        | 27440106      |
| ECLASS-12.0                        | 27440106      |
| ETIM-5.0                           | EC001855      |
| customs tariff number              | 85366990      |
| GTIN                               | 4048879143257 |
| Packaging unit                     | 1             |
| Electrical data   Supply           |               |
| Operating voltage AC               | 24 V          |
| Operating voltage AC min.          | 19,2 V        |
| Operating voltage AC max.          | 28,8 V        |
| Operating voltage DC               | 24 V          |
| Operating voltage DC min.          | 18 V          |
| Operating voltage DC max.          | 30 V          |
| Current operating per contact max. | 4 A           |
| Diagnostics                        |               |
| Status indication LED              | yellow        |
| Installation   Connection          |               |
| Mounting set                       | M3            |
| Installation   Pin assignment      |               |

No. of poles 2 + PE

| Device protection   Electrical           |                                                                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of protection (EN IEC 60529)      | IP67                                                                                                                                                  |
| Additional condition protection degree   | inserted, screwed                                                                                                                                     |
| Rated surge voltage                      | 0,8 kV                                                                                                                                                |
| Material group (IEC 60664-1)             | I                                                                                                                                                     |
| Environmental characteristics   Climatic |                                                                                                                                                       |
| Operating temperature min.               | -25 °C                                                                                                                                                |
| Operating temperature max.               | 85 °C                                                                                                                                                 |
| 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. |