



## Miniature float switch 27481101

Miniature float switch 27481101 is made of stainless steel and was developed for the monitoring of aggressive or acidic fluids. It is ideal for use in extremely tight spaces, as the side mounting requires minimal installation space, and the M12 connector enables simple installation.

At elobau, you set the standard. The miniature float switch can be fully customised using our online configurator.

### Product characteristics

- Level measurement on reed-contact basis
- Mounting options: G 1
- M12 connector
- Material: stainless steel
- Switching voltage max. 48 V
- Contact form: N.O.
- One switching point as standard
- Temperature range from -25 °C to +90 °C
- IP67 protection class



IMAGE 2/3

# male M12

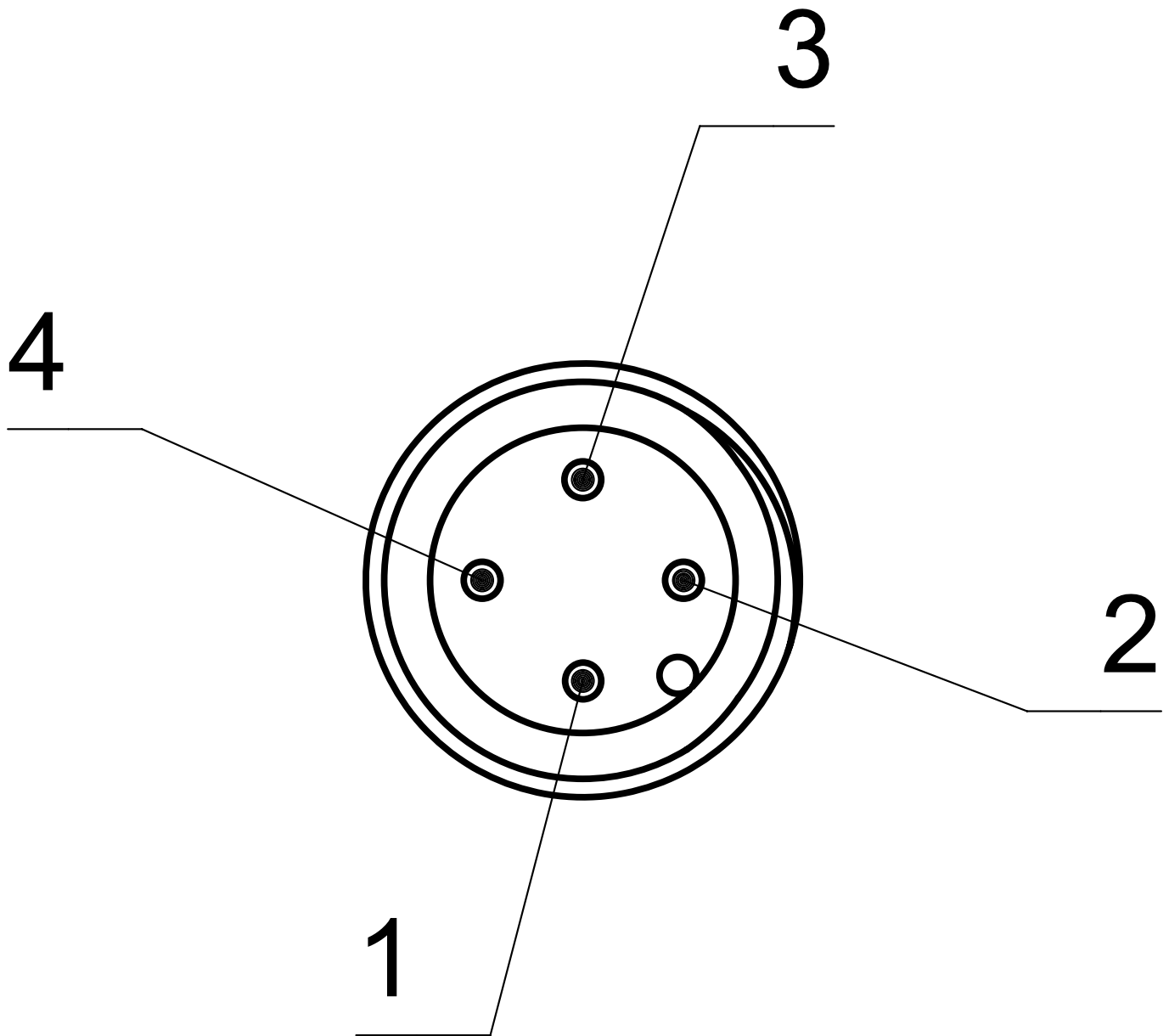


IMAGE 3/3



## Product options

IMAGE 1/1

### ORDERING KEY

|          | Miniature float switch G1, stainless steel |
|----------|--|
| 27481101 | N.O. – material VA – M12 connector         |
|          | More connectors on request                 |

## Article characteristics

| Attribute   | 27481101               |
|---|------------------------|
| Max. switching voltage                            | 48 V DC                |
| Max. switching voltage                            | 48 V AC                |
| Max. switching current                            | 0.5 A                  |
| Max. switching power                              | 10 W                   |
| Contact form                                      | 1A                     |
| Output signal                                     | digital                |
| Technology  | Reed                   |
| Switching point function                          | Rising level           |
| Change of switching function by turning the float | no                     |
| Recommended minimum density of the medium         | 0.67 g/cm <sup>3</sup> |
| Float diameter                                    | 27 mm                  |
| Version   | Angled                 |
| Housing material                                  | VA 1.4571              |
| Float material                                    | VA 1.4571              |
| Riser material                                    | VA 1.4571              |
| Operating temperature min.                        | -25 °C                 |
| Max. operating temperature                        | 90 °C                  |
| Pressure resistance                               | 25 bar                 |
| Protection class outside container                | IP67 DIN EN 60529      |
| Protection class inside container                 | IP68 DIN EN 60529      |
| Installation                                      | from outside           |
| Mounting type                                     | Thread                 |
| Thread  | G 1                    |
| Riser diameter                                    | 8 mm                   |
| Installation opening                              | G 1                    |
| Torque  | 50 N m                 |
| Riser length                                      | 63/38mm                |
| Connector type                                    | M12x1 4pol.            |