



## Miniature float switch 2018

elobau miniature float switch 2018.0 with G 3/8 thread is used for level detection in tank monitoring, water processing and in medical applications. The float switch is ideal for use in extremely tight spaces as the side mounting requires minimal installation space. The miniature float switch is a cost-effective solution that can be fully customised to suit your needs, and is reversible by rotating the float.

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
- Angled version for horizontal installation
- Mounting options: G 3/8
- With lock nut for easy installation
- Material: PVC (other materials on request: PP, PVDF or PA)
- Switching voltage max. 48 V
- Contact form: N.O., N.C., changeover
- One switching point as standard
- Temperature range (PVC) from -10 °C to +65 °C max.
- IP67 protection class

Technical drawing

IMAGE 1/2

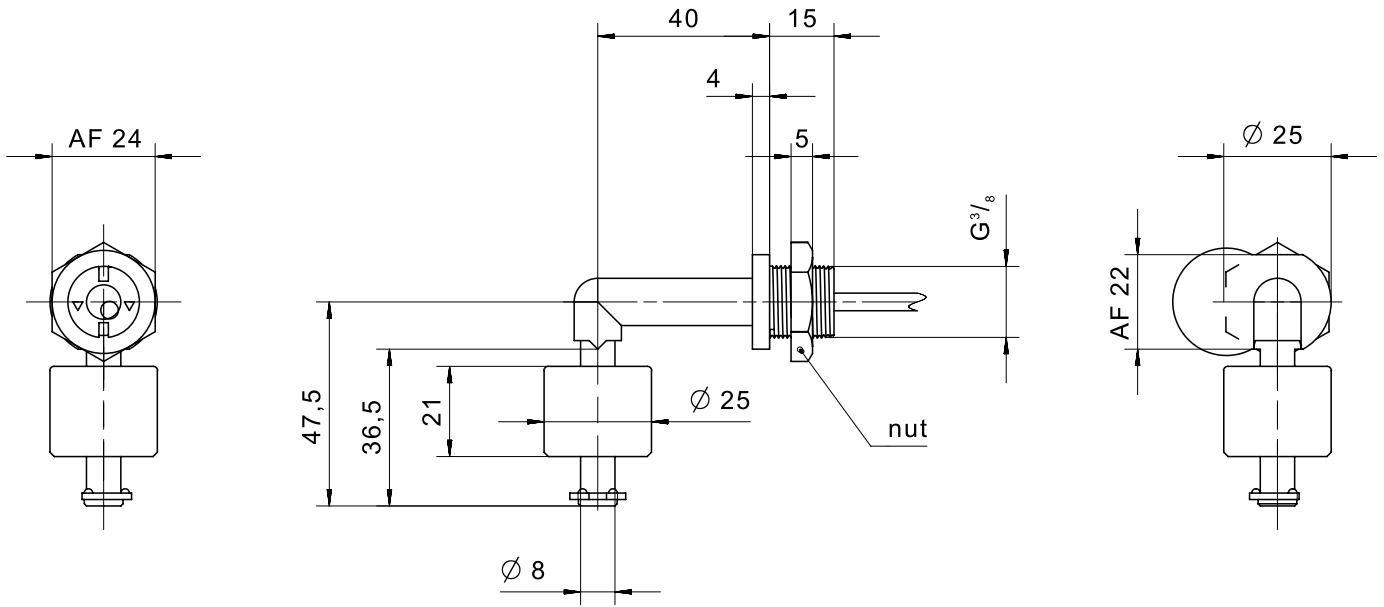
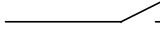
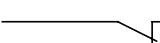


IMAGE 2/2

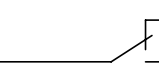
201810..

BN  WH

201820..

BN  WH

2018130..

BK  BU  
BN

Product options

IMAGE 1/1

ORDERING KEY

| 2018 |    |     | Miniature float switch G3/8, angled                |
|------|----|-----|--|
|      | 10 |     | N.O. – material PVC – cable connection 1m          |
|      | 20 |     | N.C. – material PVC – cable connection 1m          |
|      | 30 |     | C.O. – material PVC – cable connection 1m          |
|      |    |     | Other materials (PP, PVDF, PA) on request          |
|      |    |     | <b>Other available cable lengths</b>               |
|      |    | -3  | 3 m  |
|      |    | -5  | 5 m  |
|      |    | -10 | 10 m   |
|      |    |     | Other cable materials and cable lengths on request |

### Article characteristics

| Attribute   | 201810                | 201820 | 201830 |
|---|-----------------------|--------|--------|
| Max. switching voltage                            | 48 V DC               |        |        |
| Max. switching voltage                            | 48 V AC               |        |        |
| Max. switching current                            | 0.5 A                 |        | 0.3 A  |
| Max. switching power                              | 10 W                  |        |        |
| Contact form                                      | 1A                    | 1B     | 1C     |
| Output signal                                     | digital               |        |        |
| Technology  | Reed                  |        |        |
| Switching point function                          | Rising level          |        |        |
| Change of switching function by turning the float | yes                   |        |        |
| Recommended minimum density of the medium         | 0.7 g/cm <sup>3</sup> |        |        |
| Float diameter                                    | 25 mm                 |        |        |
| Version   | Angled                |        |        |
| Housing material                                  | PVC                   |        |        |
| Float material                                    | PVC                   |        |        |
| Riser material                                    | PVC                   |        |        |
| Cable material                                    | PVC                   |        |        |
| Operating temperature min.                        | -10 °C                |        |        |
| Max. operating temperature                        | 65 °C                 |        |        |
| Pressure resistance                               | 3 bar                 |        |        |
| Protection class outside container                | IP67 DIN EN 60529     |        |        |
| Protection class inside container                 | IP68 DIN EN 60529     |        |        |
| Installation                                      | from inside           |        |        |
| Mounting type                                     | Thread                |        |        |
| Thread  | G 3/8                 |        |        |
| Riser diameter                                    | 8 mm                  |        |        |
| Installation opening                              | G 3/8                 |        |        |
| Torque  | 3 N m                 |        |        |
| Riser length                                      | 48/40mm               |        |        |
| Connector type                                    | -                     |        |        |
| Cable length                                      | 1 m                   |        |        |