



Miniature float switch 2000

elobau miniature float switch 2000.0 with PG 7 thread is frequently used for level detection in medical applications. The compact design and reliable measurement also make this float switch ideal for use in water processing plants or tanks. 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
- Mounting options: PG 7 thread
- 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

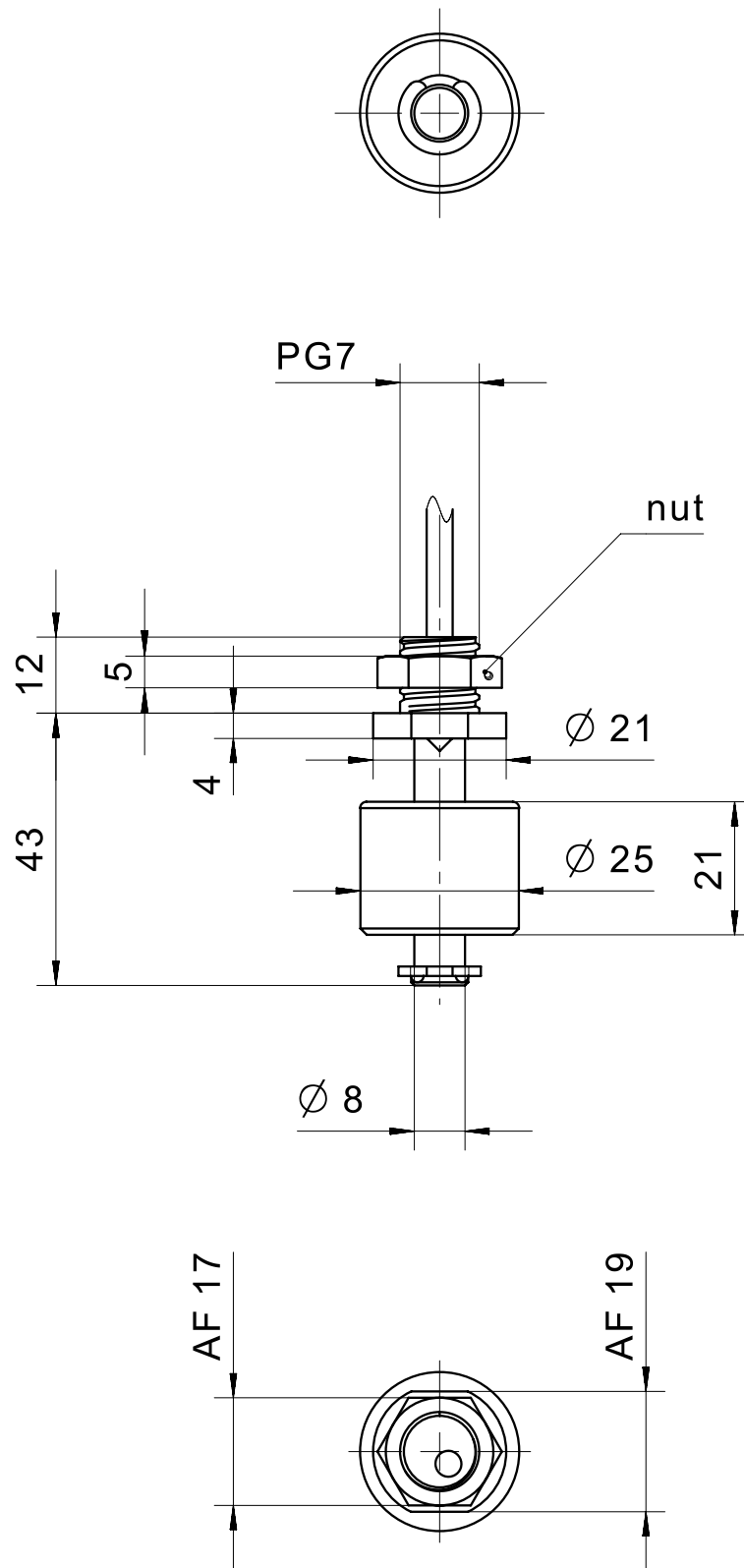


IMAGE 2/2

200010..

BN  WH

200020..

BN  WH

200030..

BK  BU
BN

Product options

IMAGE 1/1

ORDERING KEY

| 2000 | | | Miniature float switch PG7 |
|-----------------|----------|-----|--|
| | | | |
| | 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 |
| | | | |
| | | | Other available cable lengths |
| | | -3 | 3 m |
| | | -5 | 5 m |
| | | -10 | 10 m |
| | | | Other cable materials and cable lengths on request |
| | | | |
| Variant: | | | |
| | 20001206 | | N.O. – material PP – cable connection 1m, IP68 |
| | | | |
| | | | Other available cable lengths |
| | | -3 | 3 m |
| | | -5 | 5 m |
| | | -10 | 10 m |
| | | | Other cable materials and cable lengths on request |

Article characteristics

| Attribute | 200010 | 200020 | 200030 |
|---|-------------------|--------|--------|
| 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 | | 3 W |
| Contact form | 1A | 1B | 1C |
| Output signal | digital | | |
| Technology | Reed | | |
| Change of switching function by turning the float | yes | | |
| Switching point function | Rising level | | |
| Recommended minimum density of the medium | 0.7 g/cm³ | | |
| Float diameter | 25 mm | | |
| Version | Straight | | |
| Housing material | PVC | | |
| Float material | PVC | | |
| Riser material | PVC | | |
| Cable material | PVC | | |
| Protection class outside container | IP67 DIN EN 60529 | | |
| Protection class inside container | IP68 DIN EN 60529 | | |
| Operating temperature min. | -10 °C | | |
| Max. operating temperature | 65 °C | | |
| Pressure resistance | 3 bar | | |
| Installation | from inside | | |
| Mounting type | Thread | | |
| Thread | PG7 | | |
| Riser diameter | 8 mm | | |
| Riser length | 43 mm | | |
| Installation opening | PG7 | | |
| Torque | 2 N m | | |
| Connector type | - | | |
| Cable length | 1 m | | |