



Miniature float switch 2018.0

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

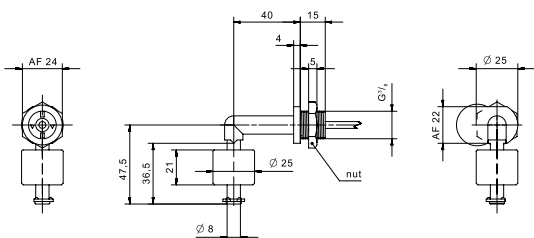
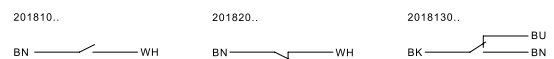


IMAGE 2/2



Electrical data

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		

Mechanical data

Attribute	201810	201820	201830
Recommended minimum density of the medium	0.7 g/cm ³		
Float diameter	25 mm		
Version	Angled		

Material information

Attribute	201810	201820	201830
Housing material	PVC		
Float material	PVC		
Riser material	PVC		
Cable material	PVC		

Environmental conditions

Attribute	201810	201820	201830
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

Attribute	201810	201820	201830
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	

Connection

Attribute	201810	201820	201830
Connector type		-	
Cable length		1 m	