



Miniature float switch 2010.0

elobau miniature float switch 2010.0 with the G 3/8 thread is frequently used for level detection in medical applications or for leakage monitoring in water processing plants. 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: 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

Electrical data

Attribute	201010	201020	201030
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		
Switching point function	Rising level		
Change of switching function by turning the float	yes		

Mechanical data

Attribute	201010	201020	201030
Recommended minimum density of the medium	0.7 g/cm ³		
Float diameter	25 mm		
Version	Straight		

Material information

Attribute	201010	201020	201030
Housing material	PVC		
Float material	PVC		
Riser material	PVC		
Cable material	PVC		

Environmental conditions

Attribute	201010	201020	201030
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	201010	201020	201030
Installation		from inside	
Mounting type		Thread	
Thread		G 3/8	
Riser diameter		8 mm	
Riser length		43 mm	
Installation opening		G 3/8	
Torque		3 N m	

Connection

Attribute	201010	201020	201030
Connector type		-	
Cable length		1 m	