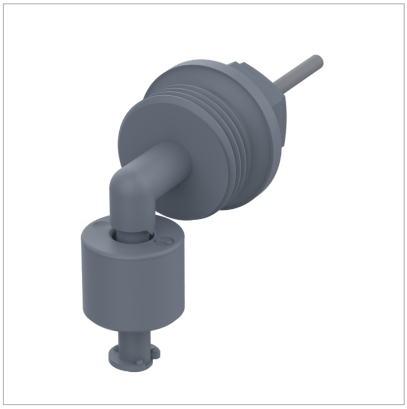


Miniature float switch 2048.0

Float switch 2048.0 is ideal for use in extremely tight spaces as the side mounting requires minimal installation space. The two part screw head enables easy installation, even in difficult positions.

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 1"
- 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

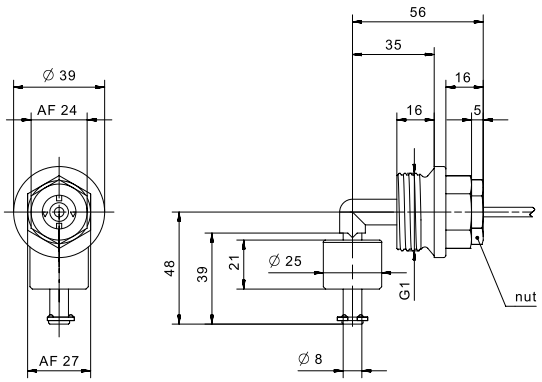
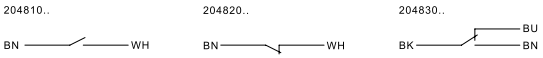


IMAGE 2/2



Product options

IMAGE 1/1

ORDERING KEY

2048			Miniature float switch G1, 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
			Other available cable lengths
		-3	3 m
		-5	5 m
		-10	10 m
			Other cable materials and cable lengths on request

Electrical data

Attribute	204810	204820	204830
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	Falling level	Rising level
Change of switching function by turning the float	yes		

Mechanical data

Attribute	204810	204820	204830
Recommended minimum density of the medium	0.7 g/cm³		
Float diameter	25 mm		
Version	Angled		

Material information

Attribute	204810	204820	204830
Housing material	PVC		
Float material	PVC		
Riser material	PVC		
Cable material	PVC		

Environmental conditions

Attribute	204810	204820	204830
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	204810	204820	204830
Installation	from outside		
Mounting type	Thread		
Thread	G 1		
Riser diameter	8 mm		
Installation opening	G 1		
Torque	20 N m		
Riser length	48/35mm		

Connection

Attribute	204810	204820	204830
Connector type	-		
Cable length	1 m		