



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

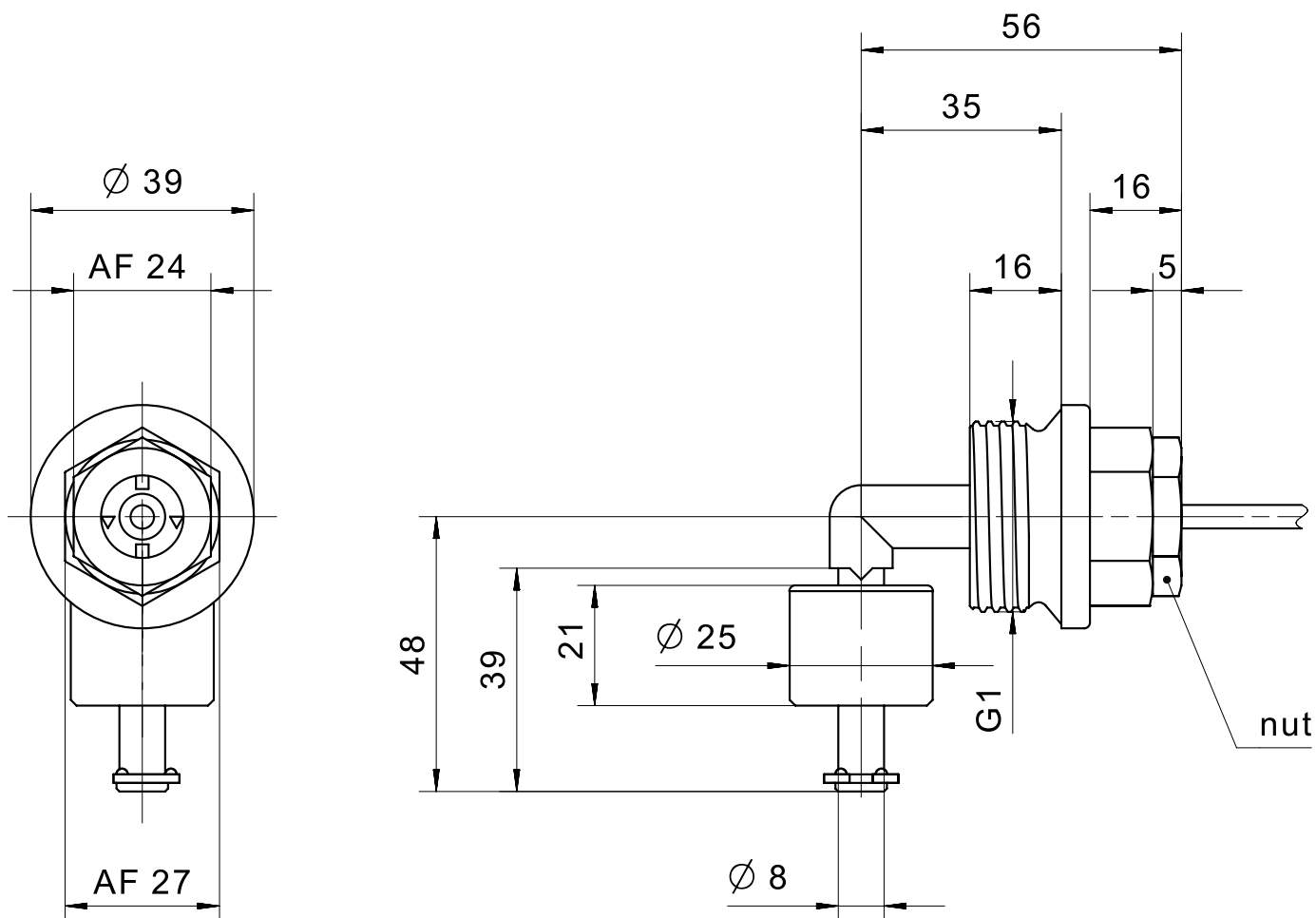


IMAGE 2/2

204810..

BN ———— WH

204820..

BN ———— WH

204830..

BK ———— BU
BN

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

Article characteristics

Attribute	204810	204820	204830	ED204810	ED204820	ED204830
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			-		
Recommended minimum density of the medium	0.7 g/cm ³			-		
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 outside			-		
Mounting type	Thread			-		
Thread	G 1			-		
Riser diameter	8 mm			-		
Installation opening	G 1			-		
Torque	20 N m			-		
Riser length	48/35mm			-		
Connector type	-			-		
Cable length	1 m			-		