



Miniature float switch 204B.7

Miniature float switch 204B.7 is used, e.g., for monitoring tanks in industrial printers.

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 1
- Material: housing – brass / float – NBR
- Switching voltage max. 48 V
- Contact form: N.O., N.C., changeover
- One switching point as standard
- Temperature range from -25 °C to +80 °C
- IP67 protection class

Technical drawing

IMAGE 1/2

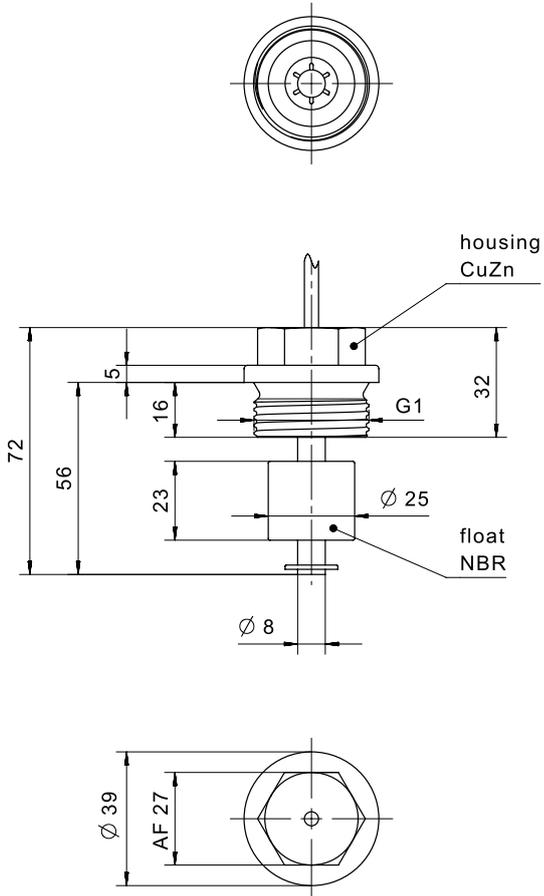
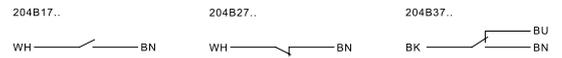


IMAGE 2/2



Electrical data

Attribute	204B17	204B27	204B37
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	Falling level		
Change of switching function by turning the float	no		

Mechanical data

Attribute	204B17	204B27	204B37
Recommended minimum density of the medium	0.65 g/cm ³		
Float diameter	25 mm		
Version	Straight		

Material information

Attribute	204B17	204B27	204B37
Housing material	Ms		
Float material	Buna		
Riser material	Ms		
Cable material	PVC		

Environmental conditions

Attribute	204B17	204B27	204B37
Operating temperature min.		-25 °C	
Max. operating temperature		80 °C	
Pressure resistance		3 bar	
Protection class outside container		IP67 DIN EN 60529	
Protection class inside container		IP68 DIN EN 60529	

Installation

Attribute	204B17	204B27	204B37
Installation		from outside	from inside
Mounting type		Thread	
Thread		G 1	
Riser diameter		8 mm	
Riser length		56 mm	
Installation opening		G 1	
Torque		50 N m	

Connection

Attribute	204B17	204B27	204B37
Connector type		-	
Cable length		1 m	