



Float switch

Type RBJ54 / RBJ64

Application and function

The float switch is versatile and can be used both as a multipoint level controller and for level limitation in various container systems. It precisely monitors the liquid level and thus contributes to safety and optimum operating efficiency.

The product was designed in accordance with standards EN 12952-11 and EN 12953-9 as well as the ASME Boiler and Pressure Vessel Code. It was also designed in accordance with the AD2000 regulations to ensure high safety standards and compatibility in pressurised vessel applications.

Technical basic equipment

- Materials according to DIN or ASME
- Protection class to DIN VDE 0470: IP54
- Process connection: Flange DN 100
- Magnetic lockout switch type M130-KG
- Cable gland according to DIN EN 50262: M20x1.5
- Manual test magnet

Optional version

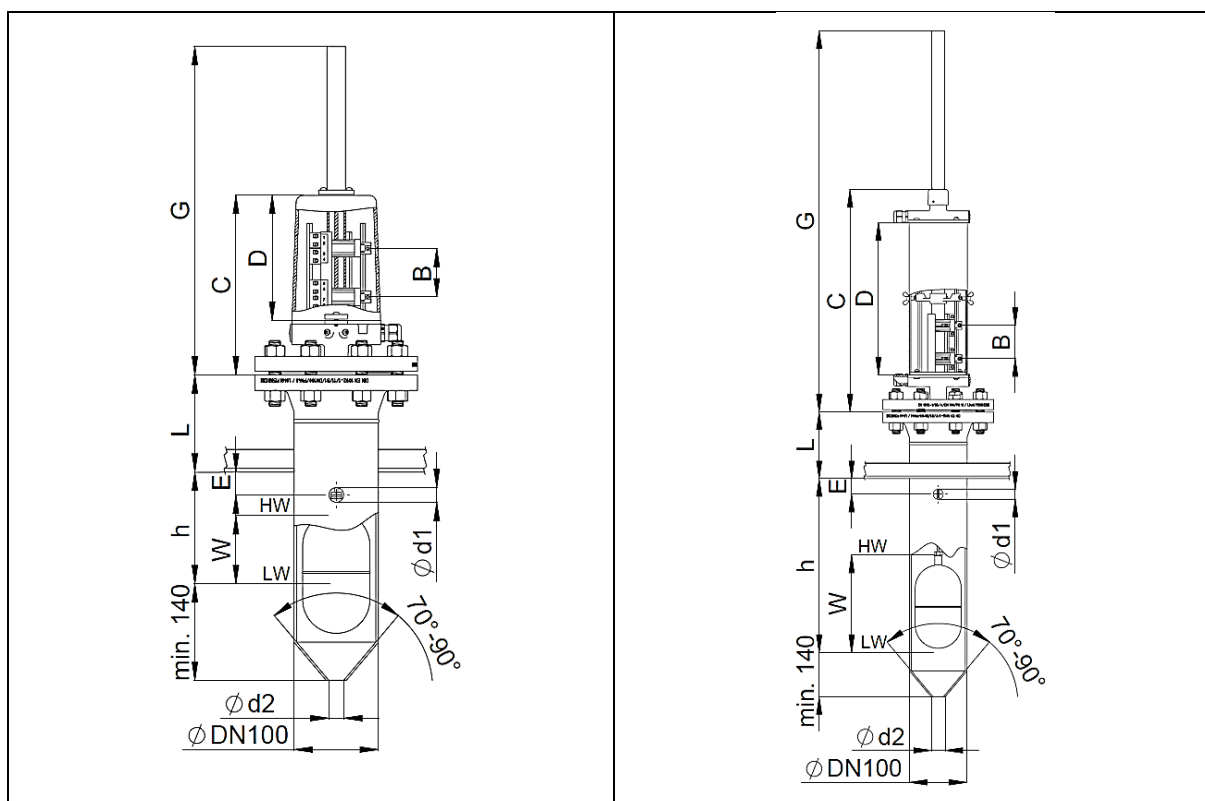
- RBJ54: Protection class to DIN VDE 0470: IP65



Technical data

Operating limits RBJ54 / RBJ64	perm. pressure[PS]	perm. temperature [TS]
	80 bar 1160 psig	296 °C 563 °F

Dimensions



		RBJ54		RBJ64	
		[mm]	[inch]	[mm]	[inch]
Switch adjustment range	W1	100	4	250	9.8
	W2	150	6		
Installation height	G1	440	17.3	780	30.7
	G2	550	21.7		
Safety swimming area	A	min. 140	min. 5.5	min. 140	min. 5.5
Switch distance	B	min. 25	min. 1	min. 25	min. 1
Switch housing height	C	W+150	W+6	W+150	W+6
Housing cover height	D	W+70	W+2.8	-	-
Installation dimension to the vent hole	E	20	0.8	20	0.8
Vent hole	Ø d1	20	0.8	20	0.8
Flood hole	Ø d2	20	0.8	20	0.8

*L+h → max 800mm

Basic equipment

The float switch is supplied with a switch housing in accordance with protection class DIN VDE 0470: IP54 with built-in magnetic switch M130-KG. Customised equipment is possible.

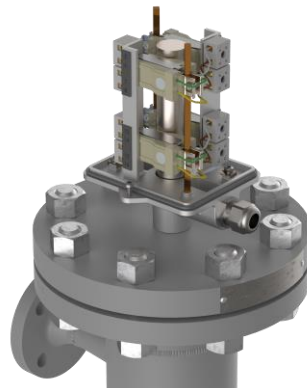


Magnetic switch M130-KG

The component label is only valid if the installation housing corresponds to the illustration.

Optional versions

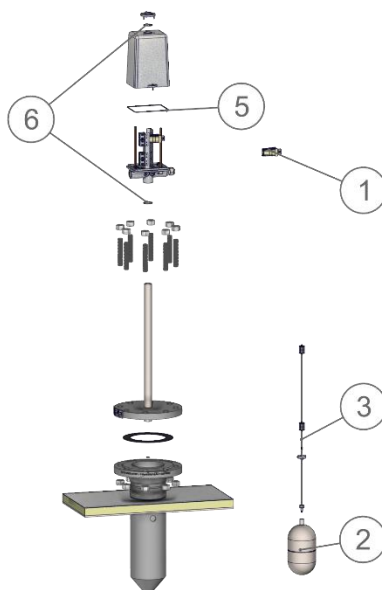
Higher protection type for the switch housing



Ex.: Protection type on RBJ 54 accorded to DIN VDE 0470: IP65

Spare parts

Pos.	Description	Size	Article-No.	Quantity
1	Magnetic switchM130-KG	-	15-01122	-
2	Floater	-	40-00918	1
3	Floating device	-	15-000006	1
5	O-Ring	110x3mm	40-00301	(1) ^{*1}
6	O-Ring	24,2x3mm	40-00300	(2) ^{*2}



^{*1}with switch housing to IP65 for RBJ54

^{*2} only for RBJ54

Installation housing, screws, nuts and seals are not included in the scope of delivery, but are available on request.

Digital documentation



Direct download



Product page on the Internet

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