

# Trimod'Besta

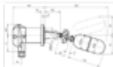
Type: A 01 090 to A 01 095

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For manually adjustable operating differentials, ideal for 2-point control, e.g. pump control.

Type A 01 090 (3/4, 2)	Operating differential 27 to 210 mm
Type A 01 091 (3/4, 2)	Operating differential 30 to 217 mm
Type A 01 092 (3/4, 2)	Operating differential 33 to 224 mm
Type A 01 093 (3/4, 2)	Operating differential 37 to 231 mm
Type A 01 094 (3/4, 2)	Operating differential 40 to 238 mm

Technical pressure	20, 25 bar, 30, 35 bar
Operating temperature	0 to 50°C
Medium temperature	0 to 20°C
Density of the liquid	min. 0.78 kg/l
Operating differential	27 mm, fixed
Medium material	Stainless steel (316L)
Sealing material	Stainless steel or cast aluminium
Flange	square 60 x 60 mm, 75 x 75 mm
Flange standard	ISO 5167, EN 10521 with plate control
Flange rating	DN 40, 50, 65, 80, 100, 150
Connection	1/2"
Control length	200 to 300 mm, depending on type
Weight	approx. 2.5 kg
Approval	ATEX, CE, EN 10521, EN 10522, EN 10523



Flange dimension



Control length



## Adjustment of switching differential

The switching differential can be set by moving pins in holes 1 to 6 of the adjustment block (see details). For switching differentials, the position of the switching points and the control concept of the float can be seen in the table below. The values are in mm and are determined in water at 20°C and density of 1.0 kg/l.

Type	Operating differential					
	27 mm	30 mm	33 mm	37 mm	40 mm	43 mm
20	0.000	0.000	0.000	0.000	0.000	0.000
25	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000
35	0.000	0.000	0.000	0.000	0.000	0.000
40	0.000	0.000	0.000	0.000	0.000	0.000
45	0.000	0.000	0.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000
65	0.000	0.000	0.000	0.000	0.000	0.000
80	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000
200	0.000	0.000	0.000	0.000	0.000	0.000
250	0.000	0.000	0.000	0.000	0.000	0.000
300	0.000	0.000	0.000	0.000	0.000	0.000
350	0.000	0.000	0.000	0.000	0.000	0.000
400	0.000	0.000	0.000	0.000	0.000	0.000
450	0.000	0.000	0.000	0.000	0.000	0.000
500	0.000	0.000	0.000	0.000	0.000	0.000
550	0.000	0.000	0.000	0.000	0.000	0.000
600	0.000	0.000	0.000	0.000	0.000	0.000
650	0.000	0.000	0.000	0.000	0.000	0.000
700	0.000	0.000	0.000	0.000	0.000	0.000
750	0.000	0.000	0.000	0.000	0.000	0.000
800	0.000	0.000	0.000	0.000	0.000	0.000
850	0.000	0.000	0.000	0.000	0.000	0.000
900	0.000	0.000	0.000	0.000	0.000	0.000
950	0.000	0.000	0.000	0.000	0.000	0.000
1000	0.000	0.000	0.000	0.000	0.000	0.000