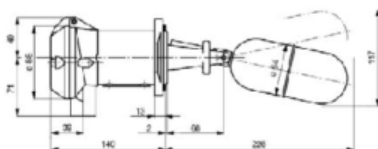


TriMod BESTA

Float Level Switches

TriMod BESTA level switch types: A 01 04 and A 01 041 Side mounted switches for high or low alarm duties

Nominal pressure	PN 25 max. 25 bar to 300°C
Operating temperature	0 to 300°C
Ambient temperature	0 to 70°C
Density of liquid	min. 0.70 kg/dm ³
Operating differential	fixed 12 mm
Rod extensions	only with type A 01 04
Wetted material	stainless steel (316 equiv.)
Flange material	stainless steel (316 equiv.)
Switch housing material	sea water resistant die cast aluminium
Flange dimensions	92 x 92 mm P.C.D. 92 mm
Counterflange	see overleaf
Switch element	microswitch change-over (SPDT) with silver contacts
Switch rating	5A/250 VAC 5A/30 VDC
Cable gland	M20 x 1.5
Enclosure	IP65
Weight	approx. 1.6 kg
Approvals	ABS, BV, DNV, GL, LRS, PRS, RINA, MRS



Flange dimension



Connection diagram






Rod extensions for type A 01 04

Depending on the tank design the level switch type A 01 04 can be equipped with rod extension: Type G1 or G2 for side mounted switches.

For top mounting type G3 is used.

Since rod extensions add-on weight to the float, the minimum value for the density will change according to the following tables:

Type: G1	Type: G2	Type: G3
		
A max.: 1000	A + B max.: 1000 A/B: ≤ 4 A min.: 100 B min.: 100	A + B max.: 1000 A/B: ≤ 4 A min.: 50 B min.: 50

Minimum density for the float module 04G1

Rod length A (mm)	100	200	300	400	500	600	700	800	900	1000
Min. density (kg/dm ³)	0.66	0.66	0.67	0.69	0.71	0.74	0.76	0.79	0.81	0.84

Minimum density for the float module 04G2

in kg/dm³

A (mm) \ B (mm)	100	200	300	400	500	600	700	800
100	0.69	0.68	0.70	0.71	0.72	0.74	0.75	--
200	0.67	0.67	0.68	0.69	0.70	0.71	0.72	0.73
300	0.68	0.69	0.69	0.70	0.71	0.71	0.72	
400	0.70	0.70	0.71	0.71	0.72	0.73		
500	0.72	0.73	0.73	0.73	0.74			
600	0.74	0.75	0.75	0.75				
700	0.77	0.77	0.77					
800	0.79	0.80						
900	0.82							

Minimum density for the float module 04G3

in kg/dm³

A (mm) \ B (mm)	50 to 500	600	700	800
50	0.71	--	--	--
100	0.69	--	--	--
200	0.68	0.68	0.68	0.68
300	0.69	0.69	0.69	
400	0.71	0.71		
500	0.73			
600	0.75			
700	0.77			
800	0.80			
900	0.82			
950	0.83			