

FLOAT-OPERATED LEVEL CONTROLLER

MODEL: BCL

Model BCL vertical float-operated level controllers are designed for control of water level in steam boilers and other vessels and storage tanks.

OPERATION

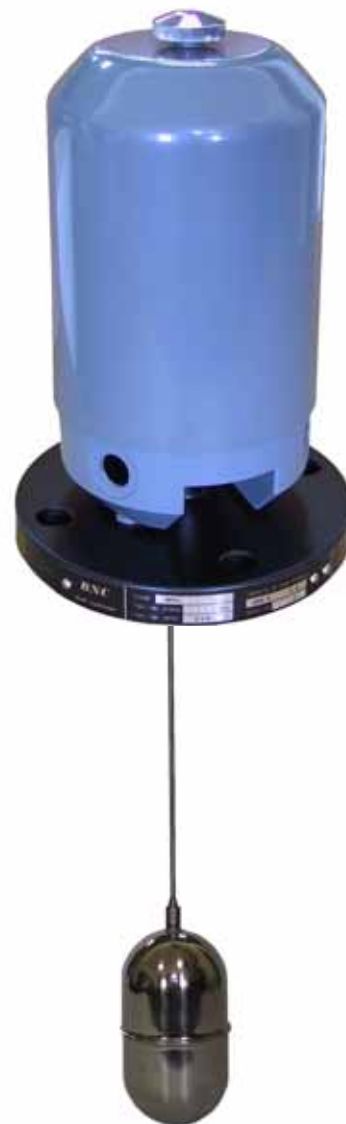
A float with a mounted magnet slides in dependence on the change of level. The magnet slides in a non-magnetic stainless steel tube and controls magnetic switches, arranged along the tube, by either breaking or making the corresponding circuit connected to feed pump, signal unit or fuel supply.

SPECIFICATIONS

Maximum permissible working pressure
10 Bar, 16 Bar, 25 Bar, 30 Bar
Maximum permissible working temperature
250°C
Magnetic switch bi-stable
Switch maximum permissible load
AC 250V. 2A

Maximum number of switches 6.
Minimum distance between two switchings
15mm

Maximum distance between high and low level
170mm



Flange standard ASA 150RF, 300RI
JIS 10KG, 20KG, 30KG
DIN PN 16, PN 25
Flange material SF45, SU304, 316
Float, tube material SUS304, 316
Housing material Aluminium Alloy

Model No. Table

Basic Model No.	Flange Rating	Flange Material	Switch Unit	Description
BCL				
-A	1			ASA 150 LB RF
	2			ASA 300 LB RF
-J	1			JIS 10K RF
	2			JIS 20K RF
	3			JIS 30K RF
-D	1			PN 16 RF
	2			PN 25 RF
		1		SF 45
		2		SUS 304
		3		SUS 316
			-1	With 1 switch
			-2	With 2 switches
			-3	With 3 switches
			-4	With 4 switches
			-5	With 5 switches
			-6	With 6 switches

