



RAPID CONTROLS

MODEL:-RC-1KD4

WATER FLOW SWITCH
STANDARD FLOW RATE – S.P.D.T.

“RC” make Flow Switch is designed for use on Non-Viscous liquid, Water, Methyl Glycol Solutions or any other liquid not injurious to Brass & Non-Ferrous Metal parts that come in the contact with the liquid. The SPDT contacts make or break and electrical circuit when flow starts or stops.

They can be wired to close circuit and open a second circuit. When liquid flow either exceeds or drops below the adjusting flow rate.

Can be used in :

- Water purification and treatment systems
- Booster pumps
- Fast shut down on high input boilers to guard against circulation failure
- Cooling systems for electronic tube, bearing & compressor
- Can be used any where, who wants to take Flow, No-Flow signal.



Pipe Connection	: 20mm BSMPT
Type	: In-Line type
Max. Liquid Pressure	: 150 PSIG.
Max. Liquid Temperature	: 110° C
Min. Liquid Temperature	: 5° C

ELECTRICAL RATING

MOTOR RATING	120 V	208 V	240 V
HORSEPOWER	1	1	1
A.C. FULL LOAD Amps.	16	8.8	8
A.C. LOCKED ROTOR Amps.	96	52.8	48
NON-CONDUCTIVE LOAD Amps	16	16	16
PILOT DUTY - 125VA. 24/240V A.C.			

FLOW CONTROL RANGE

CLASSIFICATION	FLOW CONTROL RANGE		FLOW CONTROL RANGE	
CONNECTION SIZE	MINIMUM		MAXIMUM	
	On-Flow	Off-Flow	On-Flow	Off-Flow
25mm	0.6	0.3	1.1	0.9

(All of the above values are in G.P.M.)

(The above data is experimental data, it may have a tolerance of 10%)

ALL “RC” MAKE FLOW SWITCHES ARE SET AS FACTORY STANDARD, FINE ADJUSTMENTS MAY REQUIRE WHEN INSTALLED ON LINE.



**RAPID CONTROLS PVT.LTD.**

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**TECHNICAL DATA SHEET
WATER FLOW SWITCHES
MODEL RC1KD4**

S.No.	DESCRIPTION	DETAILS
1	MODEL	RC1KD4
2	MEDIA	WATER
3	BODY	BRASS GRAVITY DIECAST IS:1264, GRADE DCB-I
4	COVER	ABS
5	FLAPPER	S.S.
6	BASEPLATE	S.S.304
7	SUPPORTING SPRING & SCREWS	S.S.304
8	BELLOW	COPPER ALLOY
9	MICROSWITCH	SPDT
10	MICROSWITCH CONTACT	1NO1NC
11	MICROSWITCH RATING	220VAC, 10Amp Max.
12	CONNECTION TYPE	IN-LINE TYPE
13	CONNECTION SIZE	20mm(F) BSP
14	MAX. WORKING PRESSURE	150 P.S.I.G.
15	CABLE GLAND	RUBBER GLAND
16	OPERATING TEMP. RANGE	10°C to 95°C
17	DEGREE OF PROTECTION	IP64

