

FLUID FLOW SWITCHES with plastic paddles

USE

-Flow switches are used signal and control the liquid flow in pipelines; to control pumps, compressors, burners, valves etc.

INSTALLATION AND OPERATION

-When the appropriate sized paddle has been selected and the unit fitted, the paddle will be displaced by the flow, the movement will then activate the SPDT microswitch.
 -Install the switch in horizontal pipelines away from pumps, bends or others locations where flow turbulence could be generated.

TECHNICAL FEATURES

Type FF81P

-Casing in anti-shock thermoplastic material
 -G1" brass connection
 -G 3/8" cable gland
 -2" non-toxic thermoplastic paddle marked at 1" 2" and 3" graduations
 -Size 6 spade terminals and lugs for the electrical connections
 -Calibration screw to adjust the set-point.

Type FF91P

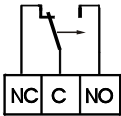
-Casing in anti-shock thermoplastic material
 -2" BSP brass connection
 -3/8" G cable gland
 -2" non-toxic thermoplastic paddle marked at 1/2" 1" and 1 1/2" graduations
 -Size 6 spade terminals and lugs for the electrical connections
 -Calibration screw to adjust the set-point.

HOMOLOGATION AND STANDARDS

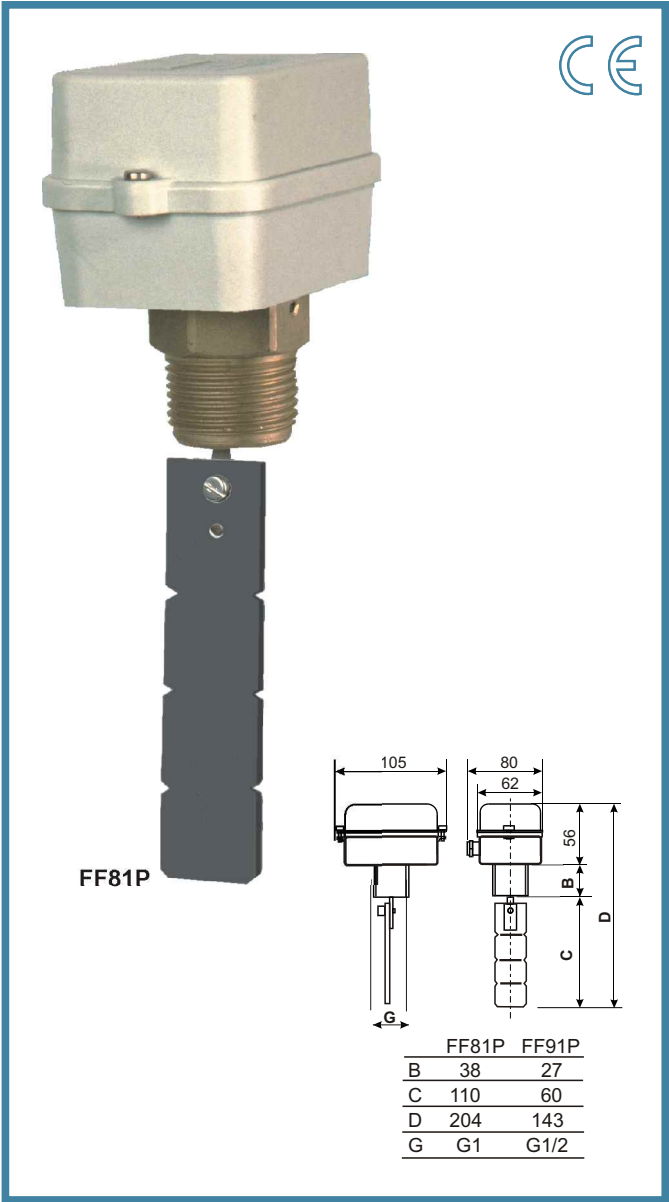
-Complies with CEI EN 60730 standards

ELECTRICAL FEATURES

-SPDT microswitch
 -Contact rating : 10 (4) A -250 Vac
 -When flow increases C-NO contacts close
 -and C-NC contacts open
 -When flow decreases C-NC contacts close
 and C-NO contacts open



Nominal insulation tension	Ui 380V~
Continuous duty nominal current	Ith 10A
Operating nominal current Ie:	220V- 250V~
Resistive load	AC-12 - 10A
Inductive load	AC-15 - 3A
Direct current	DC-13 0.2A -



TYPE	Pipeline diameter	Minimum Calibration Value (dm³/sec")		Maximum Calibration Value (dm³/sec")		Male connection	Max. working pressure bar	Working temperature °C	Max. temperature °C	Protection	Weight each Kg	Box pcs N°
		Increasing flow	Decreasing flow	Increasing flow	Decreasing flow							
FF81P	G1	0.26	0.16	0.58	0.53	G1	10	0 to 100*	50	IP54	0.34	
	G2	0.87	0.65	1.65	1.74							
	G3	1.85	1.3	3.49	3.27							
	G4	2.39	1.85	5.56	5.23							
FF91P	G1/2	0.13	0.8	0.29	0.26	G1/2	10	0 ÷ 100 *	50	IP54	0,25	
	G1	0.26	0.16	0.58	0.53							
	G1 1/2	0.39	0.24	0.87	0.79							
	G2	0.8	0.6	1.7	1.6							

* For the control of drinkable water: 85°C max. Recommended

