



FLOW SWITCH

For accurate monitoring of liquid flow in pipelines



- Air Conditioning
- Water Treatment
- Liquid Transfer Systems
- Additive/Blending Systems
- Water Cooled Equipment
- Pumping Systems
- Hot Water Space Heating
- Processing Systems

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WATTS® FLOW SWITCH

Model FS-200-W

Model FS-204-W

- EPDM Seal for Superior Performance over Mechanical Bellows
- Universal Design – Replaces Flow Switches by McDonnell Miller, Penn, Taco, Potter and others
- Single Pole Double Throw Switch for Operating Signal Devices, Motors, Alarms, Metering Devices and Heating Units
- Four Heavy Duty Stainless Steel Paddles
- Two 7/8" Electrical Knock-Outs for 1/2" Conduit
- For Use on 1" to 6" Diameter Pipe
- 1" NPT Pipe Connection



MODEL FS-200-W

NEMA 1 – General Purpose
 13 gauge galvanized steel
 16 gauge powder coated steel
 250°F (121°C)
 32°F (0°C)
 SPDT switch 7.4 FLA, 44.4 LRA
 @120VAC Motor Duty
 125VA@120/240VAC
 160 psi
 1" to 6" pipe sizes (see Flow Chart)



MODEL FS-204-W

NEMA 4 – Wet Locations
 Anodized cast aluminum
 Powder coated cast aluminum
 250°F (121°C)
 32°F (0°C)
 SPDT switch 7.4 FLA, 44.4 LRA
 @120VAC Motor Duty
 125VA@120/240VAC
 160 psi
 1" to 6" pipe sizes (see Flow Chart)



Enclosure:
Control Chassis Material:
Control Cover Material:
Maximum Fluid Temperature:
Minimum Fluid Temperature:
Contacts:
Pilot Duty Rating:
Maximum Service Pressure:
Usage:

		FLOW SPECIFICATIONS									
		Pipe Size ▶									
		1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	
Minimum Adjustment	Flow Increases	4.5	8.1	11.8	16.5	25	33	51	85*	120*	
	Flow Decreases	2.2	6.8	7.6	9.3	19	22	38	75*	100*	
Maximum Adjustment	Flow Increases	14.8	22.1	25.7	32.3	75	90*	110*	170*	240*	
	Flow Decreases	13.8	20.1	23.7	30.5	72	85*	100*	155*	220*	

*Calculated for various pipe sizes. Flow rates may vary ±10% from values above.



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