## **WATTS**

## FLOW SWITCH

WATTS"

For accurate monitoring of liquid flow in pipelines

Flow Switch

MATTS AMERICAN MARKET MAY

FS-200-W

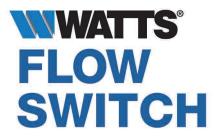
FS-200

FS-204-W

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

watts.com





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)

@120VAC Motor Duty

125VA@120/240VAC

**Maximum Service Pressure:** 

Usage:

Contacts:

**Pilot Duty Rating:** 

**Enclosure:** 

**Control Chassis Material:** 

**Maximum Fluid Temperature:** 

Minimum Fluid Temperature:

**Control Cover Material:** 

SPDT switch 7.4 FLA, 44.4 LRA

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)



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*

<sup>\*</sup>Calculated for various pipe sizes. Flow rates may vary ±10% from values above.



A Watts Water Technologies Company