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FLOW SWITCHES

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	PADDLE STYLE							PISTON STYLE							
Series	V4	V6	V8	V10	V11	FS-2	530	V12	P5	P4	P1	P2	P3	P8	AFS
Service	Gases or Liquids	Gases or Liquids	Gases or Liquids	Gases or Liquids	Gases or Liquids	Liquids	Gases	Liquids	Liquids	Liquids	Liquids	Gases or Liquids	Liquids	Liquids	Gases or Liquids
Set Point Range	3 to 2400 GPM (12 to 9000 LPM) 17 to 10000 SCFM (8 to 4700 LPM)	.03 to 10 GPM (.11 to 38 LPM) .15 to 43 SCFM (4 to 1200 LPM)	9 to 45 GPM (35 to 170 LPM) 33 to 169 SCFM (923 to 4775 LPM)	2.3 to 9.5 GPM (8.7 to 36 LPM) 8.8 to 50 SCFM (250 to 1420 LPM)	2.3 to 9.5 GPM (8.7 to 36 LPM) 8.8 to 50 SCFM (250 to 1420 LPM)	4 to 396 GPM (15 to 1500 LPM)	400 to 1600 FPM (122 to 487 MPS)	.5 to 5 GPM (1.89 to 18.92 LPM)	.5 to 2 GPM (1.89 to 7.57 LPM)	.1 to 1.5 GPM (.38 to 5.7 LPM)	.1 to 1.5 GPM (.38 to 5.7 LPM)	.05 to 1 GPM (.2 to 3.79 LPM) .42 to 5 CFM (11.9 to 141 LPM)	.25 to 2 GPM (.95 to 7.57 LPM)	.25 to 2 GPM (.95 to 7.57 LPM)	1 to 75 SCFM @ 5 psi (28 to 2123 LPM @ 5 psi) .5 to 20 GPM (2 to 75.5 LPM)
Wetted Materials	Brass, 430 SS, 316 SS*	Brass or 303 SS, 301 SS, 302 SS, Ceramic*	PPS, 316 SS or Inconel®, Ceramic	Brass or 303 SS, 316 SS, 301 SS, 302 SS, Ceramic	Brass or 303 SS, 316 SS, 301 SS, 302 SS, Ceramic	Tin-Bronze, Brass, SS	Steel, Brass	PPE & PS, SS, Ceramic*	PVC, Buna-N, Epoxy	PPS, 316 SS, Fluoroelastomer, Epoxy	Brass, Polysulfone, 316 SS, Fluoroelastomer, Epoxy	PPE & PS, Epoxy, 316 SS	Polypropylene, PPS Composite, 316 SS, Fluorocarbon	Brass, PPS Composite, Epoxy, 316 SS, Fluorocarbon	316 SS, Fluoroelastomer, Epoxy, Brass
Temperature Limit	-4 up to 400°F (-20 to 205°C)	-4 up to 400°F (-20 to 205°C)	212°F (100°C)	200°F (93°C)	250°F (121°C)	230°F (110°C)	180°F (82°C)	0 to 194°F (-18 to 90°C)	120°F (49°C)	0 to 225°F (-18 to 107°C)	-20 to 225°F (-29 to 107°C)	0 to 212°F (-18 to 100°C)	0 to 212°F (-18 to 100°C)	-20 to 275°F (-28 to 135°C)	-20 to 300°F (-29 to 149°C)*
Pressure Limit	Up to 5000 psig (345 bar)	Up to 2000 psig (138 bar)	150 psig (10.3 bar)	Up to 2000 psig (138 bar)	Up to 2000 psig (138 bar)	145 psig (10.0 bar)	NA	Up to 100 psig (6.9 bar)	Up to 120 psig (8.3 bar)	Up to 250 psig (17 bar)	1000 psig (69 bar)	150 psig (10.3 bar) @ 70°F (21°C), 50 psig (3.4 bar) @ 212°F (100°C)	125 psig (8.6 bar) @ 70°F (21°C), 50 psig (3.4 bar) @ 212°F (100°C)	1500 psig (103 bar)	1000 psig (69 bar)
Adjustable Set Point	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes
Power Requirement	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Enclosure Rating	WP & EXP	WP & EXP	WP	WP	WP	WP	GP	GP	GP	GP	GP	GP	GP	GP	GP
Switch Type	SPDT or DPDT	SPDT or DPDT	SPDT	SPST	SPST	SPDT	SPDT	SPST	SPST	SPST or SPDT	SPDT	SPST, N.O.	SPST, N.O.	SPST, N.O.	SPDT
Process Connection	1-1/2" NPT*	1/2" NPT*	1" NPT*	1" NPT*	1" NPT*	1" NPT or BSPT	Flange	3/4" or 1" NPT	1/2", 3/4", 1" NPT	9/16"-18 UNF-2B	1/4" NPT	1/4" NPT	3/8" NPT or 1/4" Quick Disconnect	3/8" NPT	1/2" NPT
Agency Approvals	CE	CE	CE	CE		CE			CE	CE	CE	CE	CE	CE	CE

FLOW SWITCHES



	GLOBE STYLE		THERMAL				INDICATING		
Series	G9	GVS	FTS	FMS	TSP	TDS	FS	HFO	SF2
Service	Liquids	Liquids	Liquids	Liquids	Liquids	Liquids	Liquids	Gases or Liquids	Liquids
Set Point Range	.75 to 14.0 GPM (2.8 to 53 LPM)	1 to 8 GPM (3.8 to 30.3 LPM)	1.2 ft/s (.4 m/s)	0 to 5 ft/s (0 to 1.5 m/s)	.2 ft/s (.06 m/s)	.04 to 3 ft/s (.012 to .91 m/s)	0.5 to 7 GPM (1.89 to 26 LPM)	2 to 12 SCFM (56.6 to 339.8 SCFM) .5 to 50 GPM (1.89 to 189.3 LPM)	.5 to 60 GPM (1.9 to 227 LPM)
Wetted Materials	Bronze, Acetal, 316 SS, Fluoroelastomer, Ceramic	Bronze, TFE, 316 SS, Fluoroelastomer, Ceramic	303 SS	303 SS	Polypropylene/PPS or Polyvinylidene Fluoride	Polypropylene/PPS or Polyvinylidene Fluoride	Polysulfone, Barium, SS	Aluminum, Brass or 304 SS, Buna-N, Fluoroelastomer, PTFE, Alnico®	Brass, Ceramic, PPS, Polysulfone, Fluoroelastomer
Temperature Limit	-20 to 180°F (-29 to 82°C)	-20 to 200°F (-29 to 93°C)	-4 to 176°F (-20 to 80°C)	-4 to 176°F (-20 to 80°C)	-40 to 158°F (-40 to 70°C)	32 to 140°F (0 to 60°C)	158°F (70°C)	240°F (116°C)	-20 to 212°F (-29 to 100°C)
Pressure Limit	400 psig (27 bar) @ 100°F (38°C)	400 psig (27 bar) @ 100°F (38°C)	150 psig (10.3 bar)	450 psig (30 bar)	150 psig (10.3 bar) @ 77°F (25°C)	150 psig (10.3 bar) @ 77°F (25°C)	325 psig (22 bar)	Up to 3500 psig (241 bar)	200 psig (13.8 bar) @ 70°F (21°C)
Adjustable Set Point	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Power Requirement	No	No	18 to 30 VDC	20 to 30 VDC	120/240 VAC	12 to 36 VDC	110 VAC	None	24 VDC or 110 VAC
Enclosure Rating	GP	GP	WP	WP	WP	GP	GP	WP	GP
Switch Type	SPDT	SPDT	PNP NO	PNP NO or NC	SPDT	SPDT	SPDT	SPDT	SPDT
Process Connection	3/4" NPT	1" NPT	1/2" NPT	1/2" NPT	3/4" NPT	3/4" NPT	3/4" or 1" NPT	1/4", 1/2", 3/4", 1" or 1-1/2" NPT	1/4", 1/2", 3/4" or 1" NPT
Agency Approvals	CE	CE				CE	CE	NPT	CE

FLOW TRANSMITTERS



	PADDLE WHEEL/TURBINE				INDICATING
Series	SFI-800	SFI-100T	SF2	SF	HFT
Service	Liquids	Liquids	Liquids	Liquids	Gases or Liquids
Set Point Range	.5 to 35 GPM (1.9 to 132.5 LPM)	2 to 35 GPM (7.6 to 132.5 LPM)	0.5 to 60 GPM (1.9 to 227 LPM)	.5 to 5 GPM (1.89 to 18.9 LPM)	2 to 50 GPM (.75 to 189 LPM) 2 to 22 SCFM (7.6 to 83 LPM)
Wetted Materials	Polycarbonate or Polysulfone, SS, and Fluoroelastomer or Buna-N	Brass, PBT, Glass, 300 SS, 316 SS, Buna N	Brass, Ceramic, PPS, Polysulfone, Fluoroelastomer	316 SS	Polyphenylene Sulfide, PPS, Sapphire, Fluoroelastomer
Accuracy	5%	5%	5 to 15%	2%	4%
Temperature Limit	-20 to 212°F (-29 to 100°C)	-20 to 200°F (-29 to 93°C)	-20 to 212°F (-29 to 100°C)	20 to 225°F (-7 to 107°C)	122°F (50°C) 240°F (116°C)
Pressure Limit	Up to 150 psig (10.3 bar)	125 psig (8.6 bar)	200 psig (13.8 bar) @ 70°F (21°C)	Up to 500 psig (34 bar)	100 psig (6.9 bar) @ 20°C Liquid Models, 40 psig (2.8 bar) @ 20°C Gas Models
Power Requirement	8 to 28 VDC	8 to 28 VDC	4.5 to 24 VDC	12 to 35 VDC	3V Lithium Battery 12-35 VDC
Enclosure Rating	WP	WP	GP	GP	WP
Output	Pulsed or 1 to 10 VDC	Pulsed	Pulsed	4 to 20 mA	0 to 5 VDC* 4 to 20 mA*
Process Connection	1/2", 3/4" NPT	1/2", 3/4" NPT	1/4" to 1" NPT	1/2" NPT	1/4" to 1-1/2" NPT
Agency Approvals	CE	CE	CE	CE	CE