

Series 8400 OptAlarm® Hi/Low Alarm



KEY INSTRUMENTS

Series 8400 OptAlarm® Hi/Low Alarm

SPECIFICATIONS

Accuracy	± 3% Full Scale
Repeatability	< 0.5% Full Scale
Operating Temperature	0° - 70°C (32° - 158°F)
Pressure	200 PSIG Maximum
Scale Length	150 mm
Connections	1/8"FNPT or 1/4"FNPT
Air Ranges	50 - 66,370 CCM
Water Ranges	22.2 - 2,080 CCM
Power Supply	Wall Mount, 90-264 VAC input, 12 VDC output, universal blades included
Power Input to Unit	12 VDC, 400mA
Alarm	90 dB Audible and Visual LED
Output (Via Optional Cable)	Dry Contact Relays 175V, 0.25 A Maximum
End Blocks	Aluminum or 316SS
Elastomers	Buna-N - Aluminum / Viton® - 316SS
Tube	Precision Formed Borosilicate Glass
Certifications	CE Certified and RoHS Compliant

FEATURES

- Optical flow sensing system
- Set allowable flow limits manually
- Three flow alarm options:
Hi/Low, High or Low flow indication
- Visual or audible alarm indication
- Dry contact NO/NC relays
- Reset alarms remotely (Via Optional Cable)

FLOW RANGES - 1/8" FNPT, AI or 316SS

Model #	Float	Air CCM	Water CCM
10110	G	50	
10120	S	78	
10130	ST	152	
10140	C	281	
10150	T	315	
10210	G	106	
10240	C	497	
10250	T	540	
10310	G	400	
10330	ST	870	22.2
10340	C	1,300	36.2
10430	ST	1,710	47.5
10440	C	2,465	73.2
10520	S	2,980	75
10530	ST	4,480	125
10540	C	6,475	190
10640	C	9,475	285
10720	S	11,990	315
10730	ST	17,810	515
10810	G	23,740	565
10820	S	30,270	830
10830	ST	44,050	1,335
10840	C	61,410	1,950
10850	T	66,370	2,080

FLOW RANGES - 1/4" FNPT, 316SS (Only)

Model #	Float	Air LPM	Water LPM
10910	G	50	1.25
10920	S	65	1.80
10930	ST	95	2.50
10940	T	134	4.25

FLOAT MATERIAL CODES

Prefix	Tube/Float	End Block	Valve	Elastomer
OA	Model #	S = 316SS	N = No Valve	V = Viton
	From Chart	A = Aluminum	V = Std. Valve	B = Buna-N

Example: Alarm, 2,465 ccm air, 316SS end blocks, valve, Viton = OA-10440-S-V-V

