

## Variable Area Flowmeter With Alarm Limit Switch

- Philosophy**  
 Switch on/off is actually magnetic float contact open/close after magnetron bistable exciting. Alarm sound and light are based on the switch position of on/off linked to relays among other parts and elements.
- Functions and Applications**  
 BJ01: High Alarm Limit Switch (HA) BJ02: Low Alarm Limit Switch (LA) ,Both the switches of BJ01 and BJ02 are able to send relevant signals at maximum, middle and minimum flow. The switches are mounted on certain selected position of rail and whenever magnetic float reaches or passes the switch level, signals will be sent out for internal contact actuation of either opening or closing.
- Technical Parameter**  
 Rated Voltage: max DC24/AC24 Rated Amperage : max 0.3A Steady Current at Switches Opening or Closing: max DC0.1A  
 Interruption Capacity: ≤10W Insulation Impedance: > 10<sup>9</sup>Ω Working Temperature: 0℃~+55℃ Protection Grading: IP65  
 Displacement (position on or off) : ≤4mm
- Precautions**  
 1) Keep off from ambient magnetic disturbance during mounting e.g. large motors etc; 2) Flow media should be free from ferromagnetic foreign matters; 3) Ensure pipes or tubes to be mounted with the flowmeters free from any potential vibration in case switch contact actuates accidentally.

### Datasheet of LZM Series Flowmeter with Alarm Limit Switches

Model	Range		Thread	Accuracy
	GPM ( Liquid )	LPM ( Liquid )		
LZM-25Z	1-10	5-35	(M)1"BSPT	±4%
	1-15	5-50		
	2-14	10-50		
	2-20	10-70		
	5-35	10-130		
	5-40	10-150		
LZM-25 LZM-25J	5-45	10-170	25G (F)1"BSP 40G (M)1 1/2"BSP	±4%
		0.3-2.1m <sup>3</sup> /h		
		0.6-3m <sup>3</sup> /h		
		0.6-4.2m <sup>3</sup> /h		
	1.5-15	6-60		
	3-13	10-50		
LZM-25G LZM-40G	4-24	10-100		
	5-35	10-130		
	5-45	10-170		
	1-15	5-60		
	2-20	10-70		
	5-30	20-110		
	5-40	20-150		



### Datasheet of LZS Series Flowmeter with Alarm Limit Switches

Model	Diameter (mm)	Range		Accuracy	Media conditions	
		Long Tube Style	Short Tube Style		Temp℃	Pressure(MPa)
LZS-15	15	10-100l/h 16-160l/h 25-250l/h 40-400l/h 60-600l/h	5-50l/h 10-100l/h 16-160l/h 25-250l/h 40-400l/h 50-500l/h 60-600l/h 100-1000l/h	±4%	0-60	≤0.6
LZS-25	25	100-100l/h 160-1600l/h 250-2500l/h	100-1000l/h 160-1600l/h 4-40l/min 250-2500l/h			
LZS-32	32		0.4-4m <sup>3</sup> /h 0.6-6m <sup>3</sup> /h			
LZS-50	50	0.4-4m <sup>3</sup> /h 0.6-6m <sup>3</sup> /h 1-10m <sup>3</sup> /h 1.6-16m <sup>3</sup> /h	1-10m <sup>3</sup> /h 1.6-16m <sup>3</sup> /h			
LZS-60	65		2.5-16m <sup>3</sup> /h 5-25m <sup>3</sup> /h 8-40m <sup>3</sup> /h 12-60m <sup>3</sup> /h			
LZS-100	100	14-90m <sup>3</sup> /h 18-120m <sup>3</sup> /h	14-90m <sup>3</sup> /h 18-120m <sup>3</sup> /h			
LZS-125	125	20-150m <sup>3</sup> /h 25-180m <sup>3</sup> /h	20-150m <sup>3</sup> /h 25-180m <sup>3</sup> /h			
LZS-150	150	25-200m <sup>3</sup> /h	25-200m <sup>3</sup> /h			

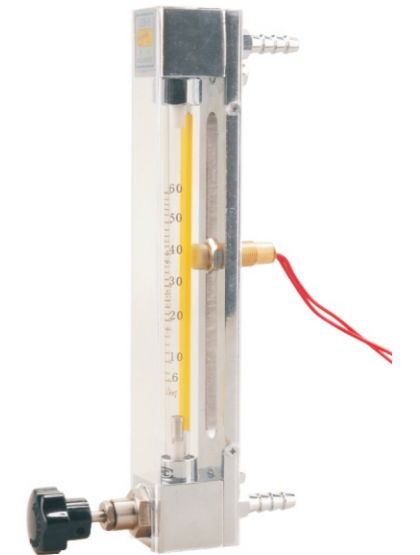


Note: If the flowmeters of LZS-100, 125, 150 requires with alarm switch can be customized

## Variable Area Flowmeter With Alarm Limit Switch

### Datasheet of LZB Series Flowmeters with Alarm Limit Switches

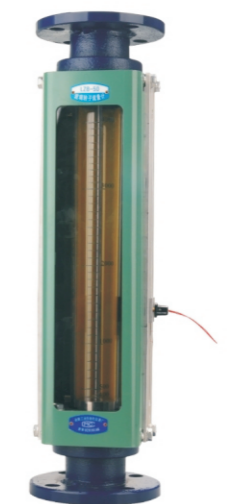
Model	LZB-10	LZB-15	LZB-25	
<b>Diameter (mm)</b>	Φ10	Φ15	Φ25	
<b>Range</b>	<b>l/h (Liquid)</b>	6-60	★6-60	40-400
		10-100	★8-80	60-600
		16-160	16-160	100-1000
	<b>N m<sup>3</sup>/h (Gas)</b>		25-250	★160-1600
			40-400	
		0.1-1	0.25-2.5	★0.8-8
		0.4-4	1-10	
		0.6-6	1.6-16	
		★0.8-8	2.5-25	
		★1-10	★3-30	
			★4-40	
<b>Accuracy ± %</b>	2.5	2.5	1.5	
<b>Working Pressure(MPa)</b>	≤1	≤0.6	≤0.6	



Range with ★ represents customer tailored special range.

### Datasheet of LZB Series Flowmeters with Alarm Limit Switches

Model	LZB-40	LZB-50	LZB-80	LZB-100	LZB-100	
<b>Diameter(mm)</b>	Φ40	Φ50	Φ80	Φ100	Φ100	
<b>Range</b>	<b>l/h (Liquid)</b>	160-1600	★160-1600	1-10 m <sup>3</sup> /h	5-25 m <sup>3</sup> /h	★20-90 m <sup>3</sup> /h
		★180-1800	400-4000	1.6-16 m <sup>3</sup> /h	★6-35 m <sup>3</sup> /h	★20-100 m <sup>3</sup> /h
		250-2500	600-6000	★2-20 m <sup>3</sup> /h	8-40 m <sup>3</sup> /h	★30-100 m <sup>3</sup> /h
		★300-3000	★800-8000	★3-25 m <sup>3</sup> /h	★12-60 m <sup>3</sup> /h	★50-120 m <sup>3</sup> /h
		★400-4000	★1-10 m <sup>3</sup> /h	★8-40 m <sup>3</sup> /h	★16-80 m <sup>3</sup> /h	
		★1-5 m <sup>3</sup> /h	★4-16 m <sup>3</sup> /h			
<b>N m<sup>3</sup>/h (Gas)</b>	4-40	★6-60	50-250	★60-200	★300-1500	
	★5-50	10-100	80-400	★80-400	★300-1600	
	6-60	16-160	★750-7500l/min	★100-500	★400-2000	
	★7-70	★20-200	★6-60	120-600	★500-2500	
	★8-80	★30-300		200-1000		
	★10-100	★50-250				
	★80-400					
<b>Accuracy ± %</b>	1.5	1.5	1.5	1.5	1.5	
<b>Working Pressure(MPa)</b>	≤0.6	≤0.6	≤0.4	≤0.4	≤0.4	



Range with ★ represents customer tailored special range.