

Name	The Specification of Battery Operated Electromagnetic Flow Meter				
Model	MGB12A75	No.	MGB12A075-E0B	1/2	
		Creating	9.30.2014		
○Specification&Performance					
Performance item		Diameter (mm)	MGB12A 75		
Measurement Principle		Electromagnetic detection			
Indicator	Type	LCD with back light			
	Indication	Instantaneous Flowrate / Pilot / Integrated value/Alarms			
	Alarm Function	Leakage / Excess Flow / Low Battery Voltage Reverse Flow / Empty			
	Min. Scale	1 L			
	Max. Total Flow	999,999.999			
	Instantaneous Flow Rate	999.9			
	LCD with back light	By opening the cover (for 30 sec), maximum 60sec/day			
	Direction of the display	By rotating the cover, 180 °			
Performance	Q3/Q1:Flow rate range	200			
	Q1:Minimum Flow Rate(m3/h)	0.5			
	Q2:Transitional Flow Rate(m3/h)	0.8			
	Q3:Permanent Flow Rate(m3/h)	100			
	Q4:Overload Flow Rate(m3/h)	125			
	Measurement starting flow rate(m3/h)	0.25			
	Permissible Error	± 5 %	$Q_1 \leq Q < Q_2$		
		± 2 %	$Q_2 \leq Q \leq Q_4$		
Q3 Pressure loss※	$\leq 0.063 \text{ MPa}$				
Operating Condition	Working Pressure Range	0.03 ~ 1 MPa			
	Fluid Temperature※	0.1 ~ 30°C			
	Fluid Electroconductivity	50 ~ 1000 $\mu\text{S/cm}$			
	Ambient Temperature※	5 ~ 55 °C			
	Ambient Humidity※	0~100%RH at 40°C Ambient Temperature			
Installation	Position	Horizontal / Vertical			
	Connection	Wafer Flanged			
Case structure		IP68 (JIS C0920)			
Standard paint color		Unpainted			

Name	The Specification of Battery Operated Electromagnetic Flow Meter			
Model	MGB 1 2 A 7 5	No.	MGB12A075-E0B	2/2
		Creating	9.30.2014	

○Specification&Performance

Performance item		Diameter (mm)	MGB12A 75
Power supply and Battery life		Internal Lithium Battery/ Battery life 9 years	
Outline Dimension	Length(mm)	160	
	Height (mm)	275	
	Width(mm)	128	
	Height from center(mm)	210.5	
Weight (kg)		4.5	
Japanese Type approval number		L101	

※The above specifications are mentioned within JIS B 8570-2.

Azbil Kimmon Co.,Ltd.