

Name	The Specification of Battery Operated Electromagnetic Flow Meter				
Model	MGB12A150	No.	MGB12A150-E0B	1/2	
		Creating	9.30.2014		
○Specification&Performance					
Performance item		Diameter (mm)	MGB12A 150		
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	10L			
	Max. Total Flow	9,999,999.99			
	Instantaneous Flow Rate	9999			
	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)	2			
	Q2:Transitional Flow Rate(m3/h)	3.2			
	Q3:Permanent Flow Rate(m3/h)	400			
	Q4:Overload Flow Rate(m3/h)	500			
	Measurement starting flow rate(m3/h)	1			
	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℃			
	Fluid Electroconductivity	50~1000 $\mu\text{S/cm}$			
	Ambient Temperature※	5~55℃			
	Ambient Humidity※	0~100%RH at 40℃ 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	MGB12A150	No.	MGB12A150-E0B	2/2
		Creating	9.30.2014	

○Specification&Performance

Performance item		Diameter (mm)	MGB12A 150
Power supply and Battery life		Internal Lithium Battery/ Battery life 9 years	
Outline Dimension	Length (mm)	229	
	Height (mm)	372	
	Width (mm)	210	
	Height from center (mm)	266.5	
Weight (kg)		11.1	
Japanese Type approval number		L102	

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

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