

K-SM α ™ Microcomputer Meter Specifications

model	type	SK25MT1SNL	SK25MT1SBL	
Measurement part	Meter inlet	Upper part		
	Main Unit inlet Dimensions	20A M36 × 2	20A M36 × 2	
	Inlet center distance	90mm	130mm	
	Flow direction	Left Entry		
	Qmax. (※1)	2.5m ³ /h		
	Cyclic volume	0.5L/rev.		
	Pnom.	2.8±0.5kPa		
	Pmax. (Hermetic test pressure)	10kPa		
	Max. indicating vol.	9999.999m ³		
	Min. indicating vol.	0.2L		
Shutdown part	Operating method	Motor type		
	Hermetic valve	4.2kPa		
	Valve actuation indication	Liquid crystal display (LCD) and red light (LED)		
Microcomputer Unit Control	Shutdown function	Total/increased flow shutoff, time-of-use shutoff, test shutoff shock sensor, low pressure shutdown, external sensor shutdown (including alarm), low battery voltage shutdown, expiration of verification period shutdown		
	Alarm function	Flow type low leakage warning, pressure type low leakage warning, pressure type low leakage warning, pressure type low leakage warning, pressure type low leakage warning, pressure type low leakage warning Adjustment Pressure Abnormal Warning, Blocked Pressure Abnormal Warning, Shutdown Abnormal Warning, Battery Voltage Low Warning, Verification Period Expiration Warning, Meter Abnormality Warning Low battery voltage warning, Expiration of verification period warning, Meter error warning		
	Display Functions	Security display, shut-off display, alarm display, container reset		
	Function Setting Method	Simple setting, by telegram setter or center setting		
	Restart safety confirmation time	Approx. 17 sec.		
	I/O Control	No of I/O	5	
		I/O Term.name signal form	DT, SG Term. Telegram	Pulse output term. open drain
	Pulse output※2	Output Unit	1L/p (standard)	10L/p (Order Option)
		ON width (ms)	200±50	500±50
		Maximum Rated Voltage	24V	
Maximum Rated Current		20mA		
Internal Resistance		51±10Ω		
Number of outputs		3-wire 1-output or 2-wire 2-output		
Power source	Lithium battery (10-year capability)			
Ambient temperature	-30~+60°C			
Standard Coating Color	Light gray (Munsell symbol 5Y 7.5/1 equivalent)			
Quality	Approx. 2.0 kg			
Contents of the package (same package)	6 units			

※1 : LPG actual flow rate (at pressure drop of 150 Pa) SK25MT1SNL→4.8kg/h, SK25MT1SBL→3.1kg/h

※2 : Pulse output unit cannot be changed after shipment.

※ K-SM α is a trademark of Azbil Kimmon Co., Ltd..