

SMART VALVE SVM-21E

Smart M-Bus Valve (Threaded)

KIMANS

150 12550

Revolutionizing Flow

The SVM-21 smart valves are battery-powered open/close valves designed for remote flow disconnection and operate using the M-Bus protocol. They feature a manual override isolation function, integrated software for monitoring, control, and error reporting, and are encased in an IP68-rated protective housing for durability.

The upgraded SVM version is specifically tailored for chilled water applications, where high levels of condensation and moisture are common. It is equipped with an IP68-rated motor and additional sealing mechanisms to ensure reliable performance even in high-condensation environments or when submerged.

These valves are available in sizes ranging from DN15 to DN40 and are fully compatible with all M-Bus master systems.

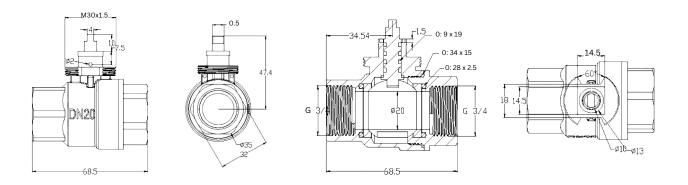




TECHNICAL DATA					
Nominal Diameter	mm	DN15 to DN40			
Ambient Temperature	°C	-25 to 65			
Operating Temperature	°C	4 - 90°C(lower/higher temperature on demand)			
Pressure Rating	Bar	PN 16(standard)/PN 20 and PN 25(optional)			
Protection	-	IP68			
Communication	-	Wired M-Bus			
Material of Construction (MOC)	-	Brass			
Power Supply	-	Battery ; lifetime up-to 16 years			
Mbus Cable Length	-	1m			
Data Read Option	-	Valve OPEN/CLOSE Command and Errors [Reporting errors : Valve operation error & M-Bus communication error]			
Data Write Option	-	OPEN/CLOSE Command			



DIMENSIONS



SOFTWARE INTERFACE

Valve Control		Data Que	ery	Exception Message		
	Meter address	Apartment number	Valve status			Serial port
0	00000022054844	M07				COM6 -
	00000022055492	M08				СОМО
	00000022055495	M09				
	00000022054862	115				Address
		116				
	00000022054847	117				4
	00000022055529	118				Apartment number
		119				
	00000022055530	120				
	00000022055532	121				
	00000022055536	215				Add
	00000022055533	216				Address Import
20		217				
20	00000022055537	218				
	00000022055538	219				Valve control
20	00000022055534	220				Frank and a state state
	00000022055535	221				Forced valve opening -
	00000022055551	315				Maha Castal
	00000022055556	316				Valve Control
	00000022054842	317				Read Valve Status
	00000022055553	318				
	00000022055554	319				System Timing
	00000022055555	320				
	00000022055552	321				
0	00000022055557	415			•	Meter reading time (hh:mm)
					<u> </u>	10 : 55
					*	Start
					-	Stop
✓ Se	lect all	5	ave	Export	*	
OME	open failed					

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