

SCM Series

Electronic Digital Counter

B. PRESET COUNTER SCM TYPE

SCM-21~61M : Multi-digit Preset Counter.



● Specification:

item specification	production type	SCM-21M	SCM-31M	SCM-41M	SCM-51M	SCM61M
Display Range		2-Digit	3-Digit	4-Digit	5-Digit	6-Digit
Display System	7-segment LED Display (character height: 0.4 ")					
Setting Range		1 ~ 99	1 ~ 999	1 ~ 9999	1 ~ 99999	1 ~ 999999
Function Mode	N.R.C. 3 mode selecting SW.					
Reset System	External, Manual & Auto Reset					
Gate In.		/	/	/	yes	yes
Power failure memory	Back up time is as long as 2000h with 3.6V/50mAh Ni-cd battery on temperature (25 C)					
Turn around time	More than 0.1 sec. from the power on to counting signal input					
Contact input	Contact input speed Max. 30cps (ON-OFF ratio: 1:1)					
Non-contact input	Input signal level: $\frac{H=6\sim 24V}{L=0\sim 3V}$ $Z_i > 10Kohm$, signal speed Max. 1kcps.(duty ratio = 1:1)					
Output Hold Timer	0.1~3.5secs (variable)					
Contact Output	1C(1ab) 250VAC/3A capacity					
Voltage Output	12V NPN voltage output					
Output Response time	contact: 20ms(1kcps)		Vout: 6~8ms(1kcps)			
Power Consumption	3VA					
DC Out for Sensor	12VDC \pm 5%, Max. Electric current capacity 50mA					
Power Supply	AC 110/220V rated power about -15%~+10%, 50Hz/60Hz.					
Noise immunity	Square -wave noise by noise simulator: 2KVp-p, 1us (across power terminals)					
Dielectric strength	1,000VAC, for 1 minute (across power terminals and contact)					
Insulation Resistance	100Mohm. min. with 500VDC megger (across terminals and housing)					
Vibration Resistance	10~55Hz, 0.75mm amplitude in X, Y and Z directions, 2 hours respectively					
Shock Immunity	100m/s ² (approx. 10Gs) in X, Y and Z directions, 3 times respectively					
Operating Humidity	35~85%RH (no condensation)					
Operating Temperature	-10~+50 °C					
Weight (main unit)	approx. 500g					
External Dimensions	72mmx72mmx135mm (Mounting flush dimension: 68x68x125mm)					