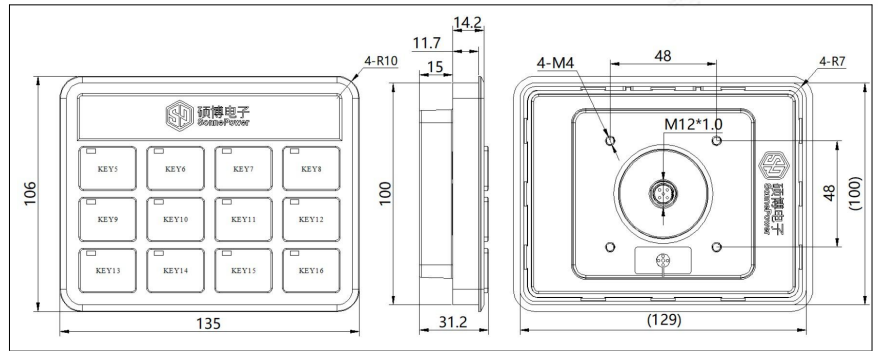


SPM-KEYP-Q12

Operation Panel
1 CAN
12 keys, 1 DO
Working Voltage
8...32 V DC



Technical Parameters	Description
Housing	Plastic housing+Silicone panel (hemlines for lower surface mounting)
Dimension(L× W× H)	135×106×31.2 mm
Installation	4 * M4×8 screws, embedded installation, recommended torque < 1Nm
Connector	5 pin M12 A code
Weight	0.22 kg
Working temperature	-40...85 °C
Storage temperature	-40...85 °C
Protection class	IP65/ IP67 (with cable)
Key	12 Silicone keys
Key life	500000 times (mechanical key)
Indicator light	12 high bright RGB Tri-color LED
Backlight	High bright LED , brightness adjustable
Output	1 DO ^H , high side output, Max. Rated drive current 1.5A, Which can drive load directly, built-in freewheeling diode
Working voltage UEE	8...32 V DC
Current consumption	≤ 100mA (without external load at 24 V)
CAN interface Baud rate Node ID Communication protocol	CAN 2.0 A/B 20 kbits/s... 1 Mbits/s (default 250 kbits/s) 0x01 User defined
Processor	32-bit high performance MCU
EMC	GB/T 17626.4-2008/IEC61000-4-4: 2004 GB/T 17626.5-2008/IEC61000-4-5: 2005 GB/T 17626.2-2006/IEC61000-4-2: 2001

Definition table of connector

Pin	Function	Description	Remark
01	UEE	Power positive	8...32 V DC
02	GND	Power ground	
03	CANH	CAN bus (high)	CAN communication, no built-in terminating resistor by default unless otherwise specified
04	CANL	CAN bus(low)	
05	Q00	DO ^H	High side output, built-in freewheeling diode

Matched female connector	5 pin M12 female A code cable
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