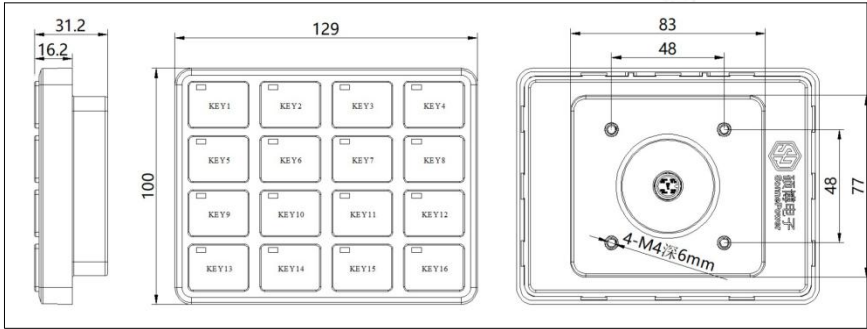


**SPM-KEYP-A16**

Operation Panel  
1 CAN  
16 keys, 1 DO  
Working voltage 8...32 V DC



**Technical parameters**

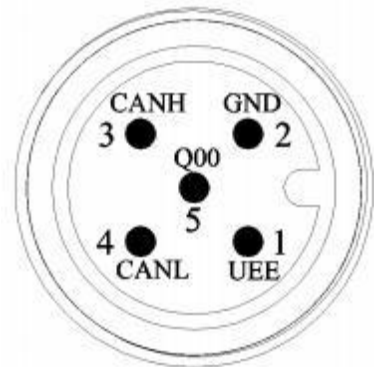
Housing
Dimensions (L× W× H)
Installation
Connector
Weight
Working temperature
Storage temperature
Protection class
Key
Key life
Indicator light
Backlight
Output
Working voltage UEE
Current consumption
CAN interface Baud rate Node ID Communication protocol
Processor
EMC

**Description**

Plastic case + Silicone panel
129×100×31.2 mm
4 * M4×8 screws, embedded installation, recommended torque < 1Nm
5 pin M12 A code
0.22 kg
-40...85 °C
-40...85 °C
IP65/ IP67 (with cable)
16 silicone keys
500,000 times (mechanical key)
16 high brightness RGB Tri-colour LED
High bright LED, brightness adjustable
1 DO <sup>H</sup> , high-side output, max. rated drive current 1.5A, which can drive load directly, built-in freewheeling diode
8...32 V DC
≤ 100mA (without external load at 24 V DC)
CAN 2.0 A/B 20 kbits/s... 1 Mbits/s (Default 250 kbits/s) 0x01 User defined
32-bit high-performance MCUs
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 connectors

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 <sup>H</sup>	High-side output, built-in freewheeling diode



Matched female connector	5 pin M12 female A code cable
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