

SQ1 Series Dual Axis joystick

Product Features

- Potentiometer or Hall Sensor
- Single or dual axis options
- High-strength handle with excellent proportional control and on/off output
- Protection rating:IP56(above panel)
- Easy installation,smooth operation, durable, and maintenance-free

Application

The SQ1 joystick is widely used in rotary drilling rigs, aerial fire trucks, crane shield machines, oil hoists, hydraulic proportional control systems, and frequency conversion motor control.

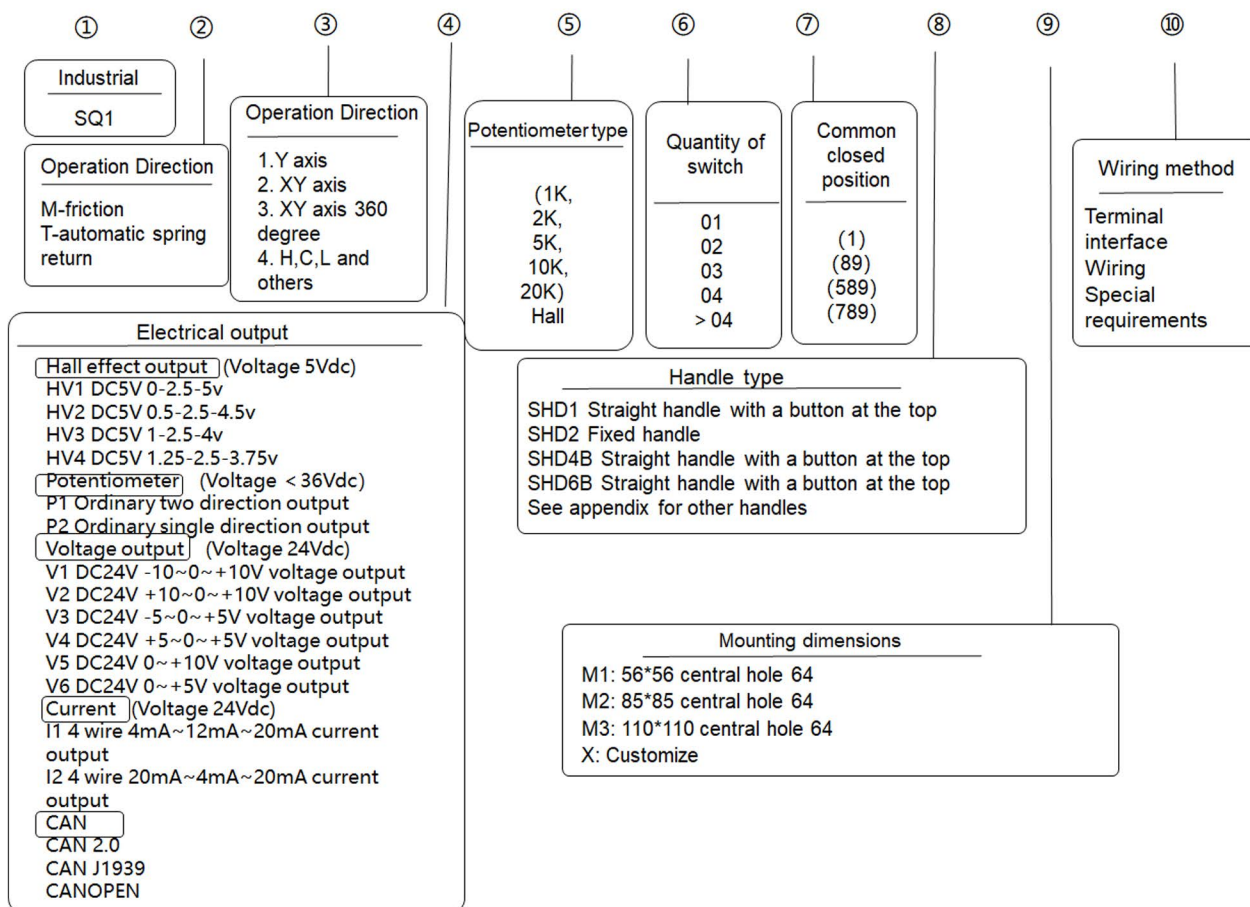


Technical Information

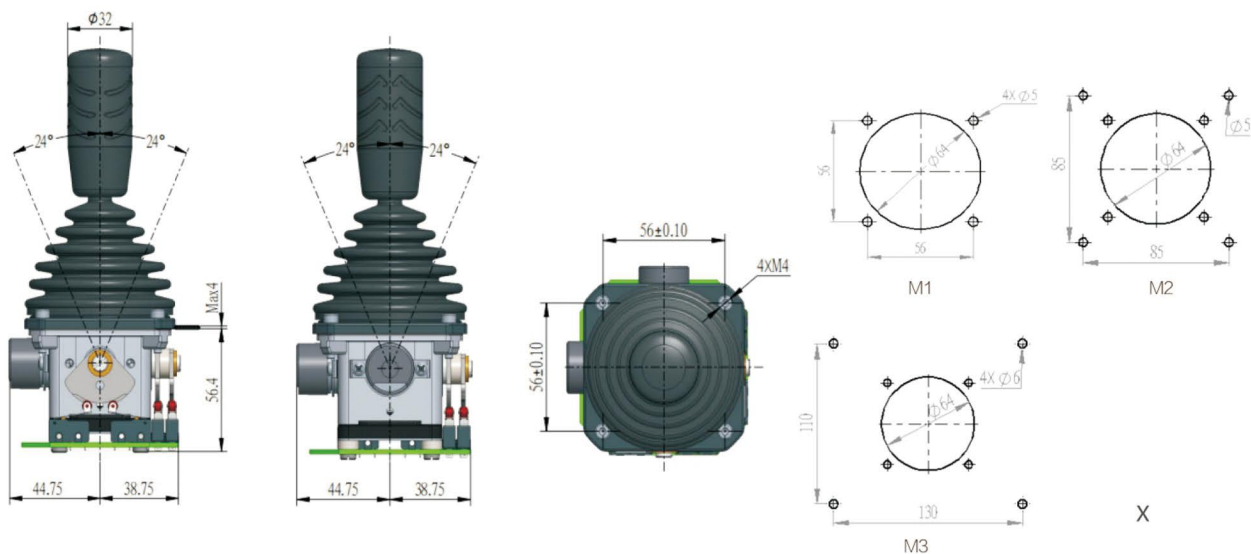
Operating temperature	-20℃ ~ +80℃
Operating torque	≤20N
Installation of flange protection grade	IP56
Mechanical life	5,000,000 cycle
Vibration	amplitude of vibration ±3g, frequency 10HZ-200HZ
Shock	20g, 6ms, half sine type
EMC anti-interference grade	100V/m, 30MHZ-1GHZ, 80%Sine-wave modulation, satisfy EN 50082-2 (1995) standards
ESD anti-interference grade	Level 4, 8kv contact discharge, 15kv air discharge, satisfy IEC 61000-4-2 standards
Mechanical rotation	±24°
Operating torque	5N (50Nmax)

Hall type	Power supply voltage	5±0.5VDC
	The power consumption of current	6.5 mA/each hall chip
	Resolution	Infiniti
	Maximum voltage	15 VDC continuous
	Reverse polarity maximum voltage	14.5VDC
	Load resistance	5KΩ
	The median voltage (no-load)	48 ~ 52%Vs
Potentiometer	Power supply voltage	DC24V
	Power supply current	<20mA
	Resolution	Infiniti
	Resistance (10%)	5KΩ, 10KΩ
	Potentiometer maximum load of voltage	32VDC
	Maximum power consumption (25 °C)	0.25W
	The direction of the switch	Switch position ±3°

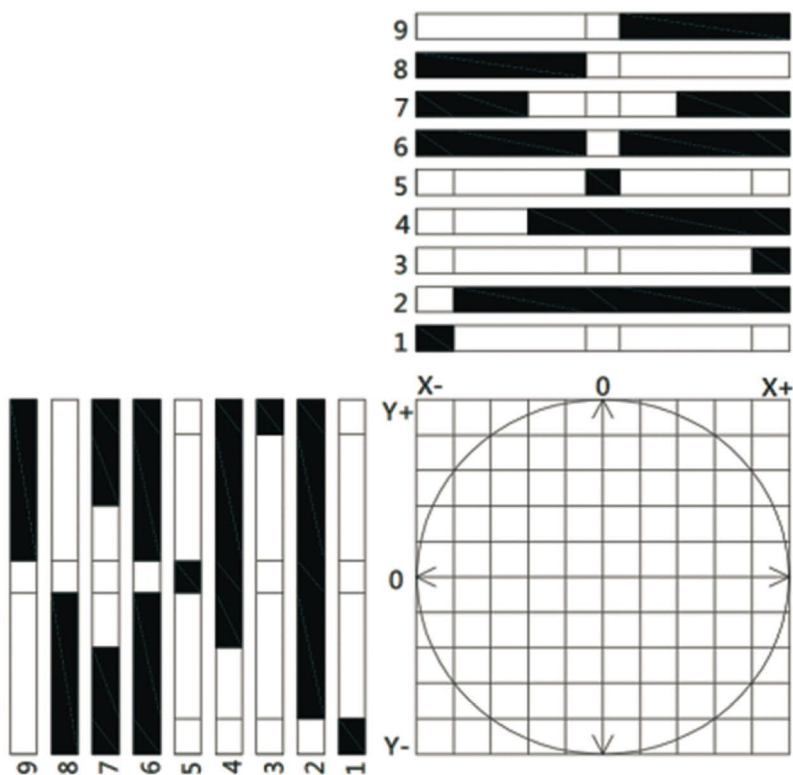
Product configuration



Product installation



Closed position of switch



Hand type

