

AT20

INDUSTRIAL JOYSTICK

The AT20 industrial joystick is primarily designed for AC 50Hz (60Hz) systems with a rated voltage up to 380V (440V). It facilitates various operations in secondary circuits, including motor reversing, speed control, braking, linkage, and pinch control. This joystick can be mounted on the surface of consoles or within portable control boxes. It has found extensive applications across ports, water transport, railways, mining, power generation, construction, and manufacturing sectors

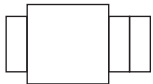
Technical Data

Temperature Range:	-20°C to 60°C
Operating Force:	≤50N
Current:	10A
Mechanical Life:	5M
Protection Level:	IP65

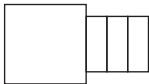


Selection	Installation variant	Palm Grips	Gate	Panel SIze	Axis1			Axis2			Installation dimensions	
					Movement	No. of contacts	Interface	Movement	No. of contacts	Interface		
	See the detaies in nextpage											
	• SG41Z Lift up zero mechanical interlock See more options in the grip section											
	• 1: 1-Axis↑ • 2: Cross gate ⇕ • 3: All-direction ※ • 4: Special gate H,C,L and special											
	• A: Panel size A-type 109 x109 • B: Panel size B type 101x101											
	• Z: Spring return • R: Friction brake											
	• 01 2 contacts • 02 4 contacts • 03 6 contacts • 04 8 contacts • 05 10 contacts											
	• Voltage output DC24V • Hall output DC5V • Current output DC24V • Potentiometer output V1: -10V~0~+10V HV1: 0-2.5-5V I1: 4mA-12mA-20mA 1K 2K 5K 10K V2: +10V~0~+10 Hv2: 0.5-2.5-4.5V I2: 20mA-4mA-20mA											
	• Z: Spring return • R: Friction brake											
	• 01 2 contacts • 02 4 contacts • 03 6 contacts • 04 8 contacts • 05 10 contacts											
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	• M1: B-type(67*67) • X: Customize											

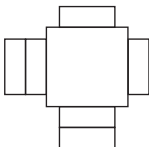
Installation variant



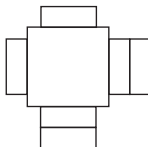
single axis 12



single axis 03



double axis 2121

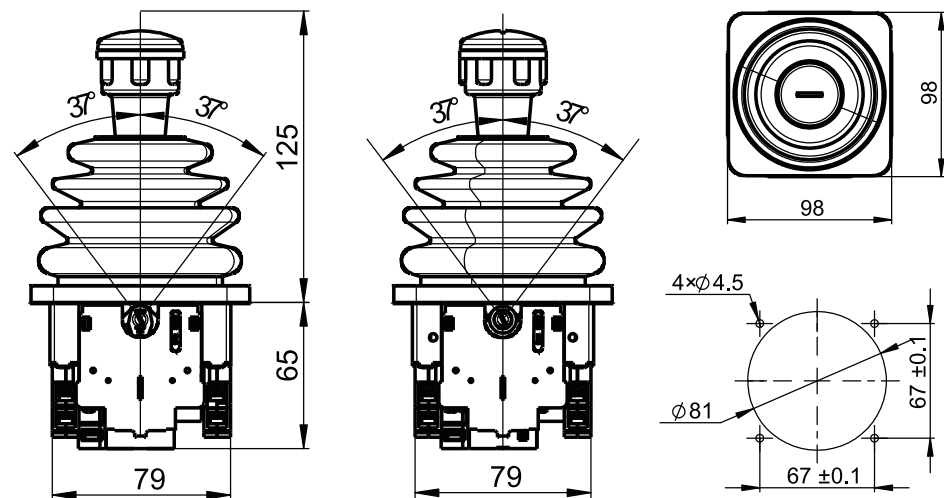


double axis 1221

Grip



Dimensions



No.of contacts	Dim A	Dim B
2	41	83
4	56	98
6	71	113
8	86	128
10	101	143