

W200 Series Single Axis Fingertip Joystick

Product Features

- Single axis;
- Miniature design;
- Potentiometer or Hall sensor;
- Mechanical spring-return operation;
- Excellent analog proportional control signal output;
- Designed for joystick, armrest and panel mounting;
- CE approved, RoHS 2011/65/EU, Annex II, including (EU) 2015/863 compliant.

Application

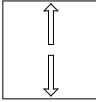
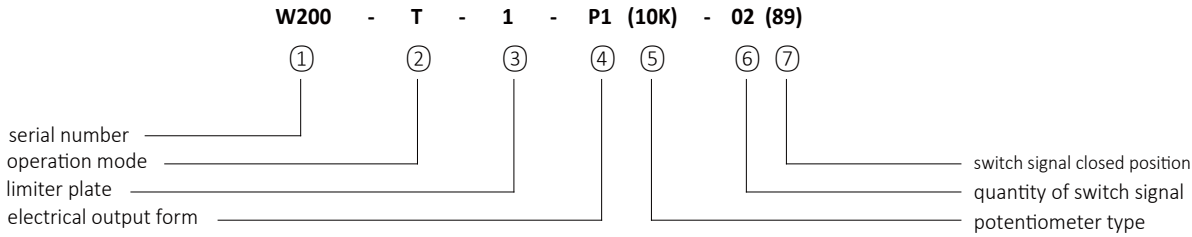
RunnTech W200 series single axis fingertip joystick is mainly used in hydraulic proportional control and variable frequency motor control, such as remote control chest packs and the control of construction, agricultural, material handling equipment or lifting equipment, etc..



Technical Information

Electrical Parameter		
Hall Sensor	Power Supply Voltage	5±0.5V DC
	Power Supply Current Consumption	6.5mA/hall sensor
	Resolution Ratio	infinite
	Maximum Voltage	15VDC
	Reversed Polarity Maximum Voltage	14.5VDC
	Load Resistance	5KΩ
	Median Voltage (no-load)	48 - 52%Vs
Potentiometer	Power Supply Voltage	DC24V
	Power Supply Current	<20mA
	Resolution Ratio	infinite
	Resistance (10%)	5KΩ and 10KΩ
	Electrical Angle	±32°
	Output Voltage Range (relative voltage)	0...100%; 10...90%
	Median Voltage	48%...52%
	Potentiometer Maximum Load Voltage	32VDC
	Maximum Power Consumption (25°C)	0.25W
	Switch Direction	switch position ±3°

Product Configuration

No.	Item	Content
1	Serial Number	W200 Series Single Axis Fingertip Joystick
2	Operation Mode	T - spring return to center
3	Limiter Plate	 <p>1. Y axis (default)</p>
4	Electrical Output Form	Hall Sensor
		Potentiometer
		HV1: DC 5V, 0...2.5...5V (rail to rail) HV2: DC 5V, 0.5...2.5...4.5V HV3: DC 5V, 1.0...2.5...4.0V HV4: DC 5V, 1.25...2.5...3.75V P1: Simple 2 directions output (potentiometer with dead zone)
5	Potentiometer Type	1K, 2K, 5K, 10K, 20K or H (Hall sensor)
6	Quantity of Switch Signal	01, 02 or 03 (the quantity of directional switch signal in each axis)
7	Switch Signal Closed Position	Refer to Table 4-3 Directional Switch Signal Closed Position (Page 06)
<p style="text-align: center;">W200 - T - 1 - P1 (10K) - 02 (89)</p>  <p> ① serial number ② operation mode ③ limiter plate ④ electrical output form ⑤ potentiometer type ⑥ switch signal closed position ⑦ quantity of switch signal </p>		

Product Mounting

