HC-3000 series fingertip type three-axis operating handle

Product features are Product Features

The use of ergonomic principle, small shape, comfortable operation.

Fingertip type operation, spring self-reset.

Three-axis operation in any direction.

Optional RS 232 or USB interface output.

Application range is Application

This series of products are mainly used in video control equipment, electric wheelchairs and doctors

Therapy equipment.



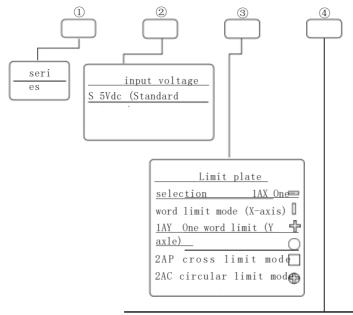
Electrical parameter	r'S		
supply voltage	$5\pm0.5 \text{Vdc}$ (Standard voltage)		
Maximum power supply current	22mA (XY axis) 33mA (Z-axis)		
Maximum overload voltage	20Vdc		
Maximum antipolarity voltage	-10Vdc		
resistance	10Κ Ω		
Median output voltage	2.5±0.1Vdc		
Linar error of output voltage	< ± 4%		
Mechanical parameter	rs		
Shake the Angle	\pm 28° (XY axis); \pm 42° (Z axis)		
mode of operation	Spring is reset		
tripping force	automatically 3 N		
Maximum_operational force_	8N > 300 N		
Limit position			
life length	> 3 million times (XY axis)		
	> 2 million times (Z-axis)		

enviromental parameter

Operating temperature: -30°C ~			
<u>\$t77°Ce temperature:</u> <u>-40°C</u> ~ + 85°C			
Protection grade IP65 (above mounting			
panel)			



Product selection type Product Configuration



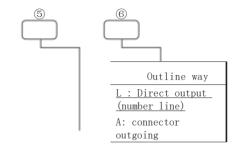
Output signal (see appendix,

H 51 Hall type, 0.5~2.5~4.5V

H 52 Hall type, 0 to 2.5~5 V

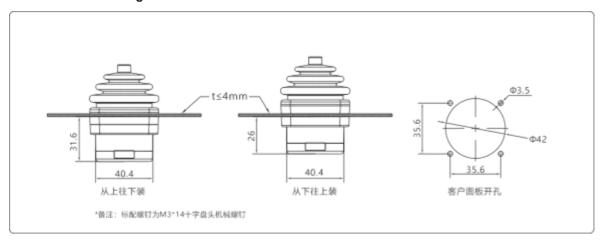
voltage output

<u>USB</u> USB interface digital signal



Handle selection ZO Z Series of handles, with Z axle, No button, Z1 Z Series of handles, with Z axle, Single -button Z 2 Z-Series Handle, keep in the mouth Z axle, Double button ZN OZ Series handles, not have Z axle, No button for ZN 1 Z Series handles, not have Z axle, Single button ZN 2Z Series handles, not have Z Axis, double button, L O L Series handles, not have Z Axis, no button, L 1 L Series handles, not have Z Axis, single-button, L 2 L Series handle, no Z Axis, double button L 3 L3 Series handle, no Z Axis, no button The HOH series handle, keep in the mouth Z axle, No button H 1H series handle, containing Z Axis, single H 2H series <u>button</u> handle, containing Z Axis, double-button HN OH series handle, not have Z Axis, button-free HN 1H series handle, not have Z Axis, single button HN 2H Series Handle, not have Z_Axis, double button Note: three axis products currently optional Z series handle, H series handle;

Mechanical mounting of the Product Installation



Electrical installation of the Electrical Connections

The way of a single hall connect line Exit mode 2 redundant Hall wiring

Eight feet out

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And 10 BTcc	om o <u>f white</u>	
12		? vic

12-core connector for the outgoing line

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	subs	Hoar	pi gm
	1	CND	ack
	2	VCC	Ç
	3	AX out	
	4	BX out	Yellow / white
_5	6	BY out	Green / white
			blue
	7	ÁZ out	Blue
	8	BZ out	/
	9	BT 1	1 * .
	10	BTcom	white
vi	olet		
	12	/	/

U SB



RS 232

