

INDUSTRIAL JOYSTICK

Technical Data

ESD Interference Protection: 4.8kV contact discharge, 15kV air discharge; meets IEC61000-4-2 standards



Palm Grins

- 1 -Axis $\updownarrow$
- 2 Cross gate $\leftrightarrow$
- 3 All-direction(x, Y-Axis) $\otimes$

- Z: Spring return

- **Hall output** DC5V

HV1:0-2.5-5V

HV2:0.5-2.5-4.5V

HV3:1.0-2.5-4.0V

HV4:1.25-2.5-3.75V

- **Dual path** DC5V

DP1: $0-2.5-5V \Leftrightarrow 5-2.5-0V$

DP2: $0.5-2.5-4.5V \Rightarrow 4.5-2.5-0.5V$

DP3: 1.0-2.5-4.0V $\Rightarrow$ 4.0-2.5-1.0V

DP4: 1.25-2.5-3.75V $\Leftrightarrow$ 3.75-2.5-1.25V

DP5: 1.15-2.5-3.85V $\Leftrightarrow$ 3.85-2.5-1.15V

DP6: $1-2-4V \rightleftharpoons 4-2-1V$

- **Hall output** DC5V

HV1:0-2.5-5V

HV2:0.5-2.5-4.5V

HV3:1.0-2.5-4.0V

HV4:1.25-2.5-3.75V

- **Dual path** DC5V

DP1: 0-2.5-5V $\Leftrightarrow$ 5-2.5-0V

DP2: $0.5-2.5-4.5V \Leftrightarrow 4.5-2.5-0.5V$

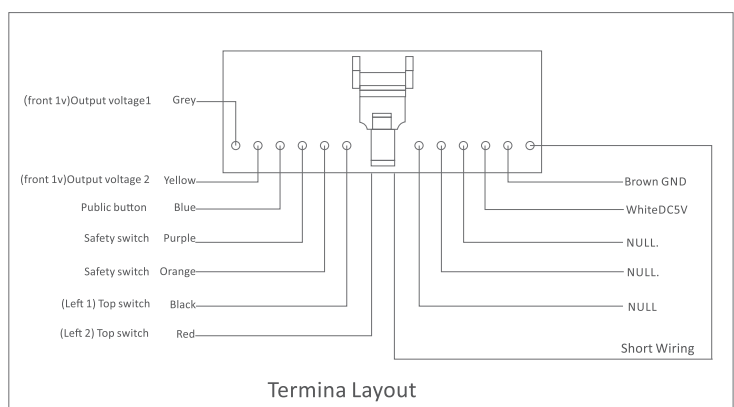
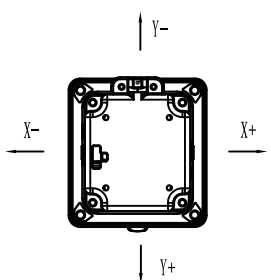
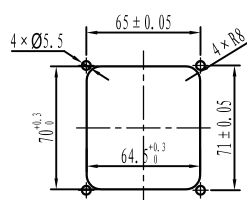
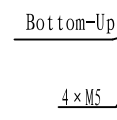
DP3: 1.0-2.5-4.0V $\Leftrightarrow$ 4.0-2.5-1.0V

DP4: 1.25-2.5-3.75V $\Leftrightarrow$ 3.75-2.5-1.25V

DP5: $1.15-2.5-3.85V \rightleftharpoons 3.85-2.5-1.15V$

DP6: $1-2-4V \rightleftharpoons 4-2-1V$

- C: Connector
- L: Direct outgoing line
- X: Customize



color	Function	color	Function
Redundant Hall Type		Hall Type	
Grey	Y-axis front output	Grey	Y-axis output
	Y-axis back output	Pink	X-axis output
Yellow	Y-axis back output	Blue	Public button
	Y-axis front output	Purple	Safe Switch
Blue	Public button	Orange	Safe Switch
Purple	Safe Switch	Black	(Left 1)Top Switch
Orange	Safe Switch	Red	(Left 2)Top Switch
Black	(Left 1)Top Switch	White	+5Vdc
Red	(Left 2)Top Switch	Brown	OV
Pink	X-axis front output+		
	X-axis back output-		
Green	X-axis front output+		
White	X-axis back output-		
	+5Vdc		
Brown	OV		

