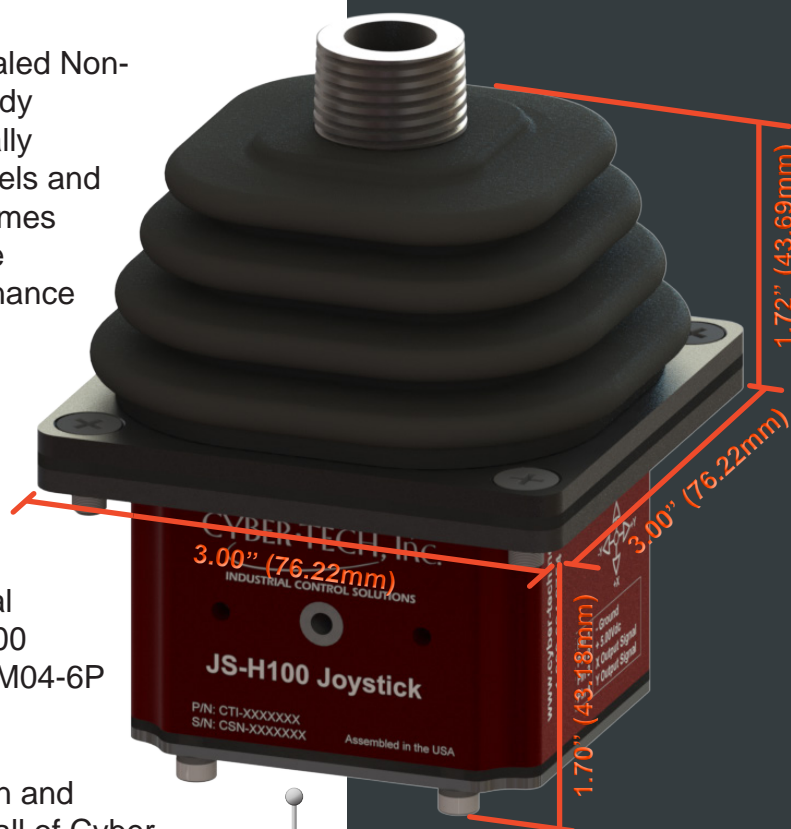


The JS-H100 industrial joystick base utilizes sealed Non-contacting Hall effect sensors and an all metal body design. This small and ruggedized joystick is ideally suited for tight clearances in compact control panels and armrests. Resistant to vibration, shock, and extremes of temperatures typically found in mobile machine environments the JS-H100 joystick offers maintenance free reliable long term use.

The JS-H100 joystick is available in two mechanical configurations: (Y1) Single axis spring return to center and (XY) Dual axis spring return to centered. These configurations are available in three electrical output styles: (A) 0.5 to 4.5vDC, (B) 1 to 4vDC and (C) 0 to 5vDC signal outputs. regardless of the configuration all JS-H100 joystick comes prewired with a 6way Deutsch DTM04-6P receptacle assembly

Utilizing our signature hollow control stick design and standard adaptors the JS-H100 easily mounts to all of Cyber-Tech's control handles or virtually any competitors grips. The rugged hollow control stick allows the handle grip wiring to safely pass through the center of the joystick removing the need to leave the cabling exposed to the elements thus minimize potential damage.

For additional custom configurations and outputs please contact us. 1.800.621.8754



FEATURES

- Non-contacting Hall Effect Sensing Technology
- All Metal Body Construction
- Cable Exit Pass Through
- Multiple Grip Options
- Single or Dual Axis
- Guided X,Y & 45deg Axis Detents
- Multiple Centering Spring Weight Options
- Three Electrical Output Options
 - 0.5 to 4.5 Vdc (10%-50%-90%) STD
 - 1.0 to 4.0 Vdc (20%-50%-80%)
 - 0.0 to 5.0 Vdc (0%-50%-100%)
- Sealed Electronics
- Signal Outputs Factory Calibrated
- Very Low Power Consumption
- Operating Life Exceeding 10 Million Cycles

Specifications	
Power Supply	
Supply Voltage:	5Vdc ± 0.5 Vdc
Current Draw:	11mA (per axis)
Output Voltage	
Maximum Output Current	± 15 mA (per axis)
Outputs (% of supply)	(A) Null 50% ± 2 %, Mini 8% ± 4 %, Max 92% ± 4 %
Environmental	
Operating Temperature	-40°C to 85°C (-40°F to 185 °F)
Ingress Protection	Above Panel: IP-64
Ingress Protection	Below Panel: Dust Only
Standard Wiring	
4 inch Jacketed Cable with Deutsch DTM06-6S Receptacle	

DTM04-6P



Wiring	Function
Pin 1:	Ground
Pin 2:	Power
Pin 3:	X Output Signal
Pin 4:	Y Output Signal
Pin 5:	No Connection
Pin 6:	No Connection

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Established 1982