

■ ECJ-H20

Grip type of single-axis operating Joystick

握桿型單軸操作手柄



Go forward and backward with Single-axis or unidirectional operation.	單軸前後方向操作或單方向操作。
Friction detent or spring return, center position and starting point can be selected mechanical lock.	摩擦定位或彈簧復位，中位和起點可選擇機械鎖定。
Non-contact Hall effect sensor and long-life potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和長壽命電位器兩種角度位移檢測方式。
High current micro switches are available. (10A, 30Vdc)	可配置大電流微動開關 (10A、30Vdc)。
Optional various types of handles and button switch location.	多種不同類型手柄上端供選擇。

This series can be used in a variety of engineering vehicles, electro-hydraulic control system or other electrical control system.

該系列主要應用於各種工程車輛的電液控制系統或其他電器控制系統。

■ ECJ-F03

Fingertip single-axis operating Joystick

指尖型單軸操作手柄



Fingertip operation and single-axis directional operation.	指尖型操作，單軸方向操作。
Spring return.	彈簧自動復位。
Small size, easier to assembling.	外型小巧，便於安裝。
Non-contact Hall effect sensors type of angular displacement detection method.	非接觸式霍爾型傳感器角度位移檢測方式。
Different output voltage ranges can be selected.	可選擇不同的輸出電壓範圍。

This series can be used in industrial remote control, a variety of engineering vehicles or industrial machinery and equipment control panel.

該系列主要應用於工業遙控器，各種工程車輛或工業機械設備的控制面板。

■ ECJ-F01

Fingertip single-axis operating Joystick

指尖型單軸操作手柄



Fingertip operation and single-axis directional operation.	指尖型操作，單軸方向操作。
Spring return.	彈簧自動復位。
Small size, easier to assembling.	外型小巧，便於安裝。
Non-contact Hall effect sensors and potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和電位器兩種角度位移檢測方式。
Different output voltage ranges can be selected.	可選擇不同的輸出電壓範圍。

This series can be used in industrial remote control, a variety of engineering vehicles.

該系列主要應用於工業遙控器，各種工程車輛。

■ ECJ-R10

Rotary single-axis operating Joystick

旋轉型單軸操作手柄



With ergonomic principles and small size, comfortable operation.	運用人機工程學原理，造型小巧，操作舒適。
Fingertip operation, spring return.	指尖型操作，彈簧自動復位。
Three switches to an analog output	三個開關量輸出一個模擬量輸出。
Double Hall and double redundancy design, safety and high reliability.	雙霍爾雙冗餘設計，安全可靠。
Minimum diameter of 30mm	最小直徑30mm。

This series can be used in the field of logistics machinery.

該系列主要應用於物流搬運機械領域。



油力油壓工業股份有限公司
YOULI HYDRAULIC INDUSTRIAL CO., LTD.

公司：41163 台中市太平區溪洲路 87 巷 7 號
工廠：41468 台中市烏日區太明路 145 巷 9 號

OFFICE & FACTORY :

No.9, LANE 145, TAI MING RD., WU ZIH DIST.,
TAICHUNG CITY, TAIWAN 41468

TEL : 886-4-2335 8996 FAX : 886-4-2335 8997

Http://www.tw-youli.com E-mail:sales@tw-youli.com.tw

上海辦事處：

上海市閔行區莘庄鎮滬閔路
6088 號 2965 室

SHANGHAI OFFICE :

65Room, 29F No.6088 Humin Road,
Shanghai, China

TEL : +86-21-5486 9310

FAX : +86-21-5473 6359

版權所有 翻印必究
COPY RIGHTS RESERVED


www.tw-youli.com

-ECJ-

OPERATING JOYSTICK
操作手柄系列

油力油壓工業股份有限公司
YOULI HYDRAULIC INDUSTRIAL CO., LTD.

■ ECJ-H60

Grip type of multi-axis operating Joystick
握桿型多軸操作手柄



Ergonomic principles, designed for the construction machinery industry.	運用人機工程學原理，專門為工程機械行業設計使用。
Non-contact Hall effect sensor and long-life potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和長壽命電位器兩種角度位移檢測方式。
Optional various types of handles and button switch location.	多種不同類型手柄上端供選擇。
The number of buttons can be customized.	按鈕數量、位置可客製。
Optional CAN bus output.	可選CAN總線輸出。

This series can be used in cranes, loaders, forklifts, excavators, tractors, harvesters and so on.

該系列主要應用於起重機、裝載機、叉車、挖掘機、拖拉機、收割機等。

■ ECJ-H30

Grip type of multi-axis operating Joystick
握桿型多軸操作手柄



Spring return, single or double axis operation.	彈簧自動復位，單軸或雙軸操作。
Can available cross direction operation or any direction of operation.	可選擇十字方向操作，或任意方向操作。
Non-contact Hall effect sensor and long-life potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和長壽命電位器兩種角度位移檢測方式。
High current micro switches are available. (10A, 30Vdc)	可配置大電流微動開關 (10A、30Vdc)。
Optional various types of handles and button switch location.	多種不同類型手柄上端供選擇。
Optional variety of output types.	可選各種輸出型式。

This series can be used in high-altitude vehicles, rotary drilling rigs, high-altitude fire engines, cranes, shield machines and other electrical and electro-hydraulic control system.

該系列主要應用於高空作業車、旋挖鑽機、高空消防車、起重機、盾構機以及其他電氣和電液控制系統。

■ ECJ-H08

Grip type of multi-axis operating Joystick
握桿型多軸操作手柄



Non-contact Hall effect sensor and long-life potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和長壽命電位器兩種角度位移檢測方式。
Spring return.	彈簧自動復位。
Different output voltage ranges can be selected.	可選擇不同的輸出電壓範圍。
Optional various types of handles and button switch location.	多種不同類型手柄上端供選擇。

This series can be used in high-altitude vehicles, high-altitude platform equipment and other engineering vehicles.

該系列主要應用於高空作業車、高空平台設備以及其他工程車輛。

■ ECJ-H70

Grip type of multi-axis operating Joystick
握桿型多軸操作手柄



Spring return, single or double axis operation.	彈簧自動復位，單軸或雙軸操作。
Can available cross direction operation or any direction of operation.	可選擇十字方向操作，或任意方向操作。
Non-contact Hall effect sensor and long-life potentiometer have two kinds of angular displacement detection method.	非接觸式霍爾型傳感器和長壽命電位器兩種角度位移檢測方式。
Optional variety of output types.	可選各種輸出型式。

This series can be used in cranes, loaders, forklifts, excavators, tractors, harvesters, aerial work platforms.

該系列主要應用於起重機、裝載機、叉車、挖掘機、拖拉機、收割機、高空作業平台等。

■ ECJ-F11

Fingertip multi-axis operating Joystick
指尖型多軸操作手柄



Fingertip type of multi-axis handles.	指尖型多軸手柄。
Spring return.	彈簧自動復位。
Center Tap Potentiometer with angle displacement detection method.	帶中心抽頭電位器角度位移檢測方式。
Maximum current 2 mA direction switch.	最大電流2 mA方向開關。
Proportional amplifier-plate to directly driven hydraulic proportional valve.	可帶比例放大板直接驅動液壓比例閥。

This series can be used in engineering vehicles, industrial remote control.

該系列主要應用於工程車輛、工業遙控器。

■ ECJ-F06

Fingertip multi-axis operating Joystick
指尖型多軸操作手柄



Fingertip operation, spring return.	指尖型操作，彈簧自動復位。
Any directional can be operation.	任意方向操作。
The top of joystick can configure a maximum of two buttons.	手柄上端最多配置雙按鈕。
Optional RS232 or USB output type.	可選RS232或USB輸出。
Different output voltage ranges can be selected.	可選擇不同的輸出電壓範圍。

This series can be used in video control equipment, electric wheelchair, and medical equipment.

該系列主要應用於視頻控制設備、電動輪椅車、醫療設備。

■ ECJ-F9S

Fingertip multi-axis operating Joystick
指尖型多軸操作手柄



With ergonomic principles and small size, comfortable operation.	運用人機工程學原理，造型小巧，操作舒適。
Fingertip operation, spring return.	指尖型操作，彈簧自動復位。
Three-axis is available large-angle arbitrary direction operation.	三軸任意方向大角度操作。
The top of joystick is configured a maximum of two buttons.	手柄上端最多配置雙按鈕。
Optional RS232 or USB output type.	可選RS232或USB輸出。

This series can be used in video control equipment, electric wheelchair, and medical equipment.

該系列主要應用於視頻控制設備、電動輪椅車、醫療設備。

■ 2ECJ-SS

The upper of Joystick
手柄上端



With ergonomic principles used a sense of grip comfortable joystick operation.	運用人機工程學原理，握感舒適。
Nylon material and durable.	尼龍材質，堅固耐用。
Various types of panel combinations can be configured.	可配置多種型式面板組合。
The top of joystick can be configured with a button.	頂部可配置一個按鈕。
Optional safety switch configured.	可選擇配置安全開關。

This series can be used in a variety of lifting machinery, construction machinery, agriculture and forestry machinery, mining machinery; both can be assembled in the lower end of the operating mechanism, and also can be used alone in the pilot valve operating mechanism.

該系列主要應用於各種起重機械、建築機械、農林機械、礦山機械上，既可以裝配在下端操作機構上使用，也可以單獨安裝在先導閥操作機構上使用。