

Three black hydraulic joysticks with red buttons and a yellow button, set against a blue background with a faint mechanical pattern.

EAT•N

Hydraulics

Ultronics Joystick

Non-contacting Programmable Controller



Flexible Ergonomic Robust

The Eaton Ultronics Joystick is a ground-breaking design that provides a robust, high performance joystick without the wear issues associated with traditional joysticks. The combination of the innovative, non-contacting design and the embedded electronics provide ultimate functionality and flexibility in a wide range of mobile applications.



Ergonomic

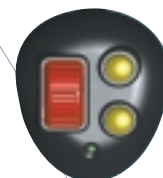
**Flexible
Robust**

Switch Options

Ergonomic – Increased Operator Comfort and Productivity:

Developed & Engineered to put the operator in complete control. The ergonomic design and positioning of the controller in the arm of the operators chair will lead to greater machine productivity over longer periods of time.

Ergonomically designed handle for optimum comfort and precise control results in less stress and fatigue by operators and reduces training required to master the machine control.



Compact, sleek design ••• Durable, highly engineered polymers

JOYSTICK FEATURES

Ergonomic design

Increased productivity and functionality

EMC, RFI and ESD immunity

Analogue, CAN bus or Digital outputs

On-board diagnostics

Programmable functions

Exceptional reliability - non-contacting parts

Zero maintenance

Up to 4 Axis of proportional control

LED for system status and error warnings

Designed to meet IP67

Ability to interface with OEMs individual machine requirements through on board microprocessor

Modular design - tailored to individual applications

**Available with
or without
status LED**

RobustFlexible

Technical drawing of a circular part with the following dimensions and labels:

- Overall diameter: 61
- Distance from top edge to center: 30.5
- Distance from center to right edge: 30.5
- Distance from top edge to a feature: 10.5
- Feature diameter: $\varnothing 7.5$
- Feature label: 4 - MOUNTING HELLS 24 J CLEARANCE OR M6 THREAD

Flexible

Ergonomic Flexible Robust

Output Configurations

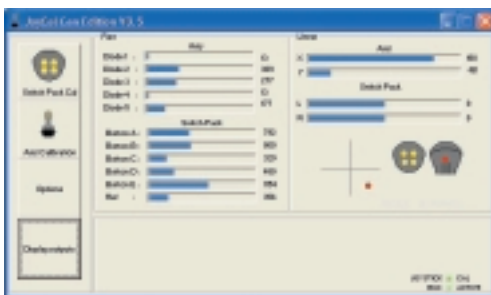
Up to 4 Axis of
Proportional Control

Flexible — Increased Functionality and ability to customize for your application:

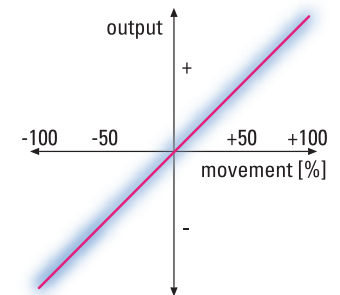
Comprehensive software
utility available for
customizing output
control options to suit
application requirements

(dual vs. variable gain,
dead band, etc).

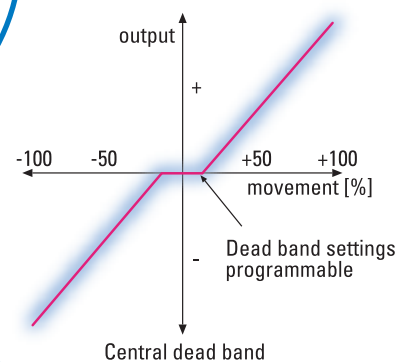
Modular design with
ability to tailor to
individual application
requirements. A wide
choice of switch functions
and configurations are
available.



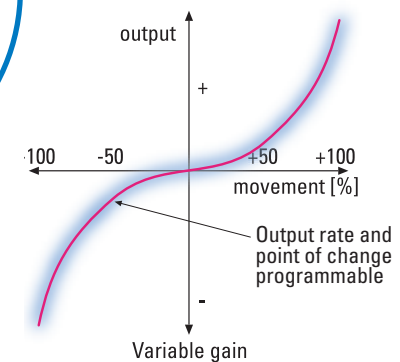
Analog, CAN Bus or Digital Outputs ••• Programmable Functions



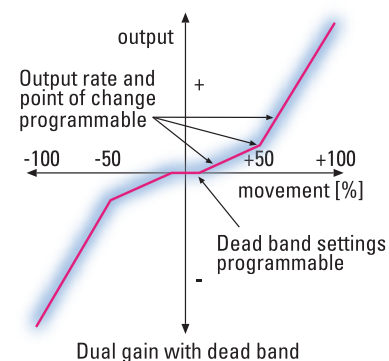
Standard linear output



Central dead band



Variable gain



Dual gain with dead band

Eaton
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952 937-9800
Fax: 952 974-7722
www.hydraulics.eaton.com

Eaton
20 Rosamond Road
Footscray
Victoria 3011
Australia
Tel: (61) 3 9319 8222
Fax: (61) 3 9318 5714

Eaton
Dr.-Reckeweg-Str. 1
D-76532 Baden-Baden
Germany
Tel: +49 (0) 7221 682-0
Fax: +49 (0) 7221 682-788



Hydraulics

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