

EPVJ SERIES

ELECTRIC ON-OFF JOYSTICKS



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The David Brown Hydraulics EPVJ series joystick provides a remote electric “on-off” signal to control solenoid operated devices.

It has been developed as a compact, light weight unit incorporating the maximum number of switches possible to be controlled by one hand in order to replace multi-switch panels on mobile machinery.

APPLICATIONS

Typical applications include agricultural tractors, mobile grass cutters, fruit picking machines, viticulture machines, material handling machines, road maintenance machines and marine applications.

BENEFITS

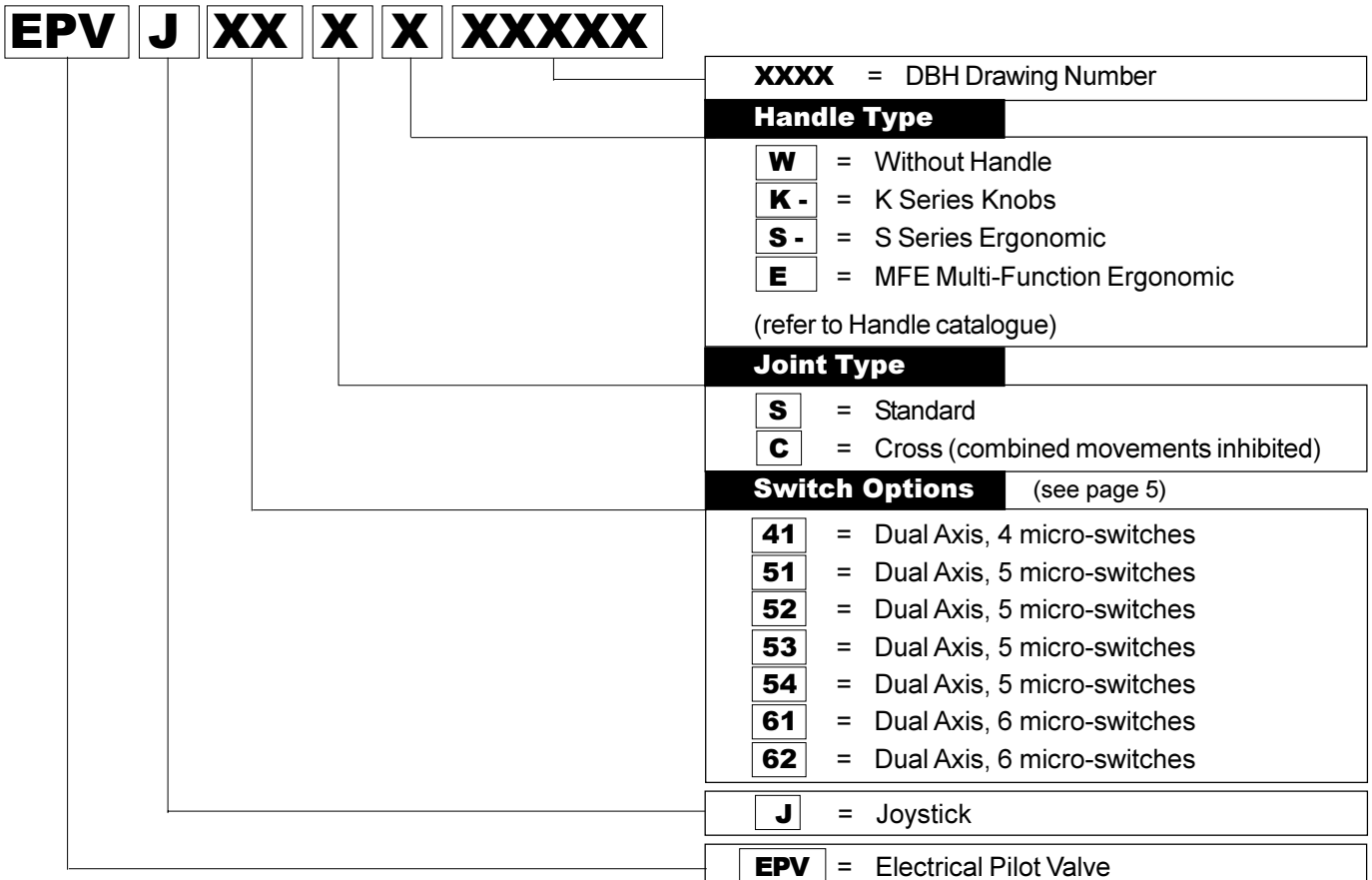
- Compact and light
- Intuitive identification of basic service functions
- Up to 17 contacts, including the multifunction integral handle, controlled with one hand
- Easier and faster control of the solenoid operated devices
- Reliable for heavy duty applications
- Low control effort
- Wide range of multifunctional ergonomic handles available
- Cable and wired connectors to customer specifications
- Can be easily fitted on portable chest-packs

TECHNICAL FEATURES

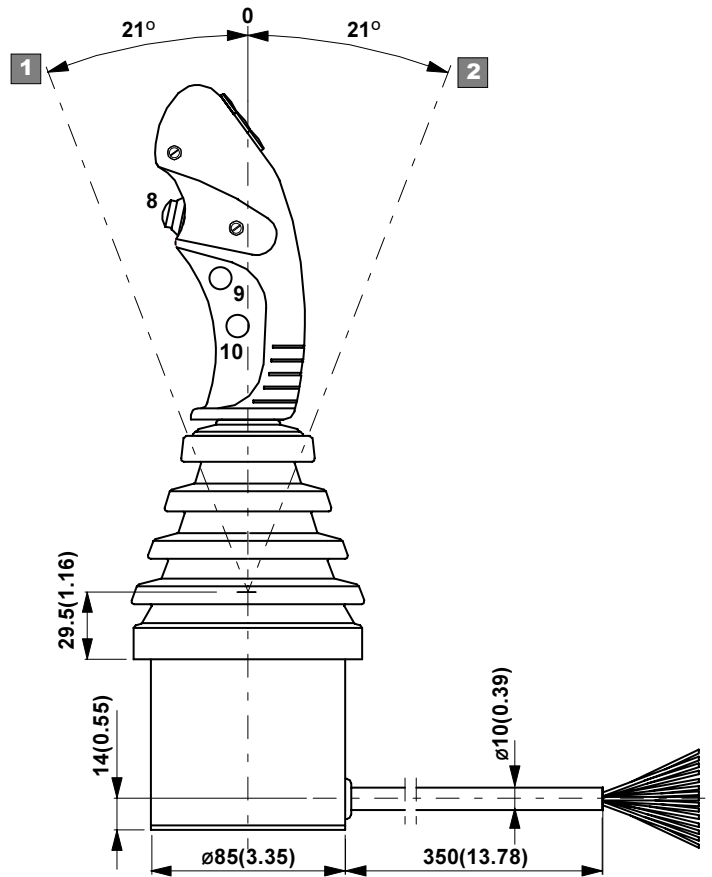
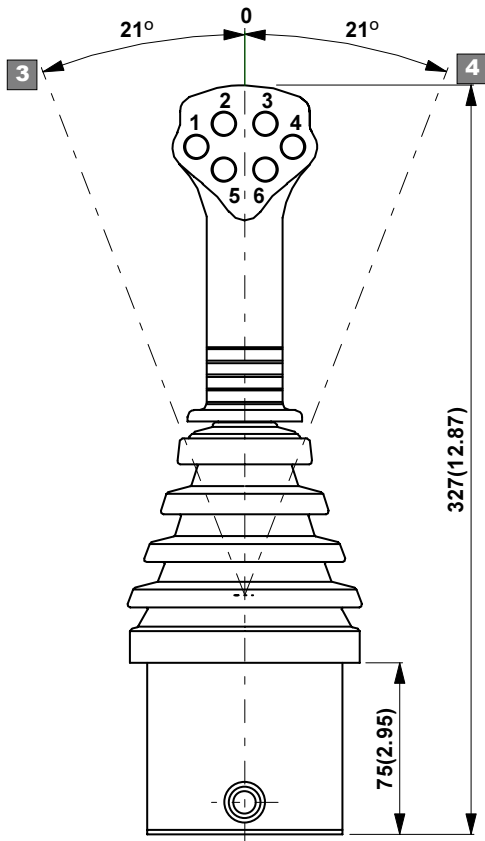
- Dual axis function
- 2 additional contact on opposite poles
- 16 Amp micro-switches
- Micro-switch rated to IP54

David Brown Hydraulics reserve the right to update the information and data contained in this catalogue at any time.

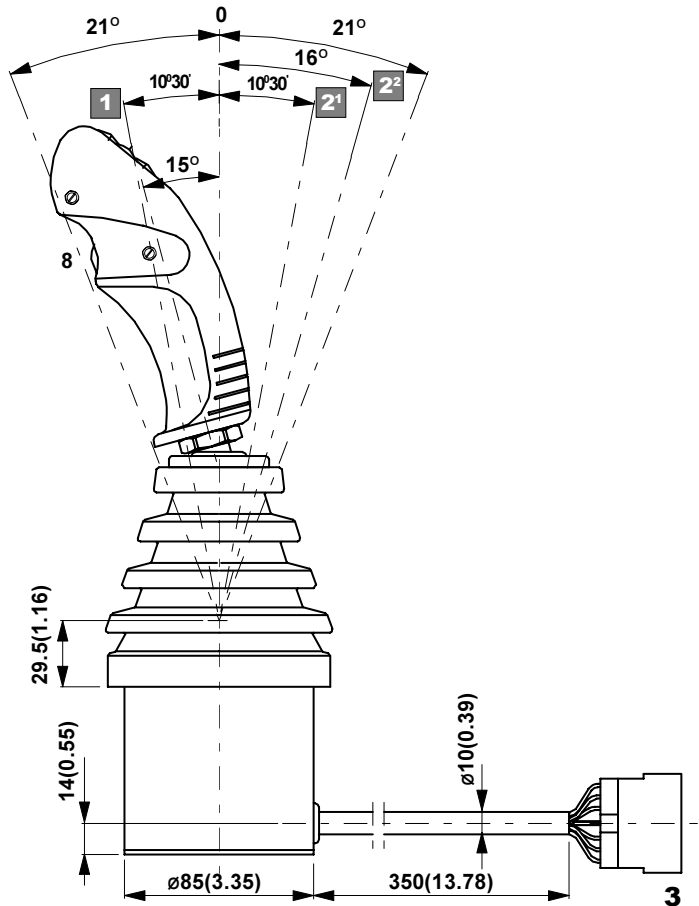
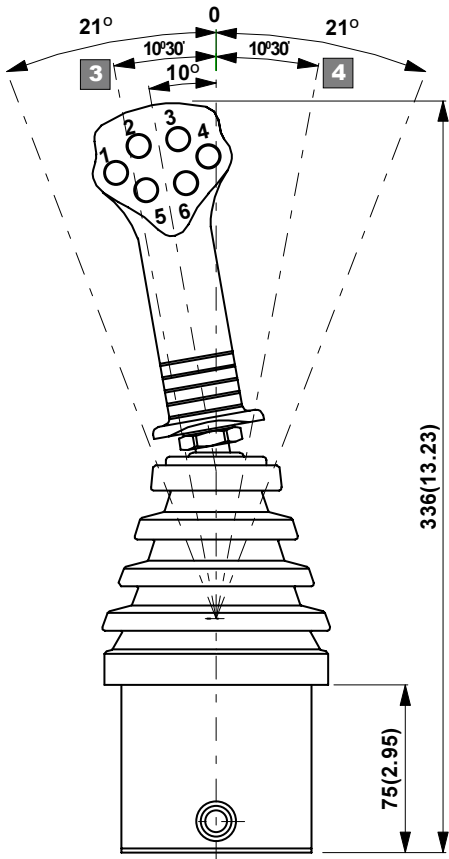
EPVJ SERIES MODEL CODING



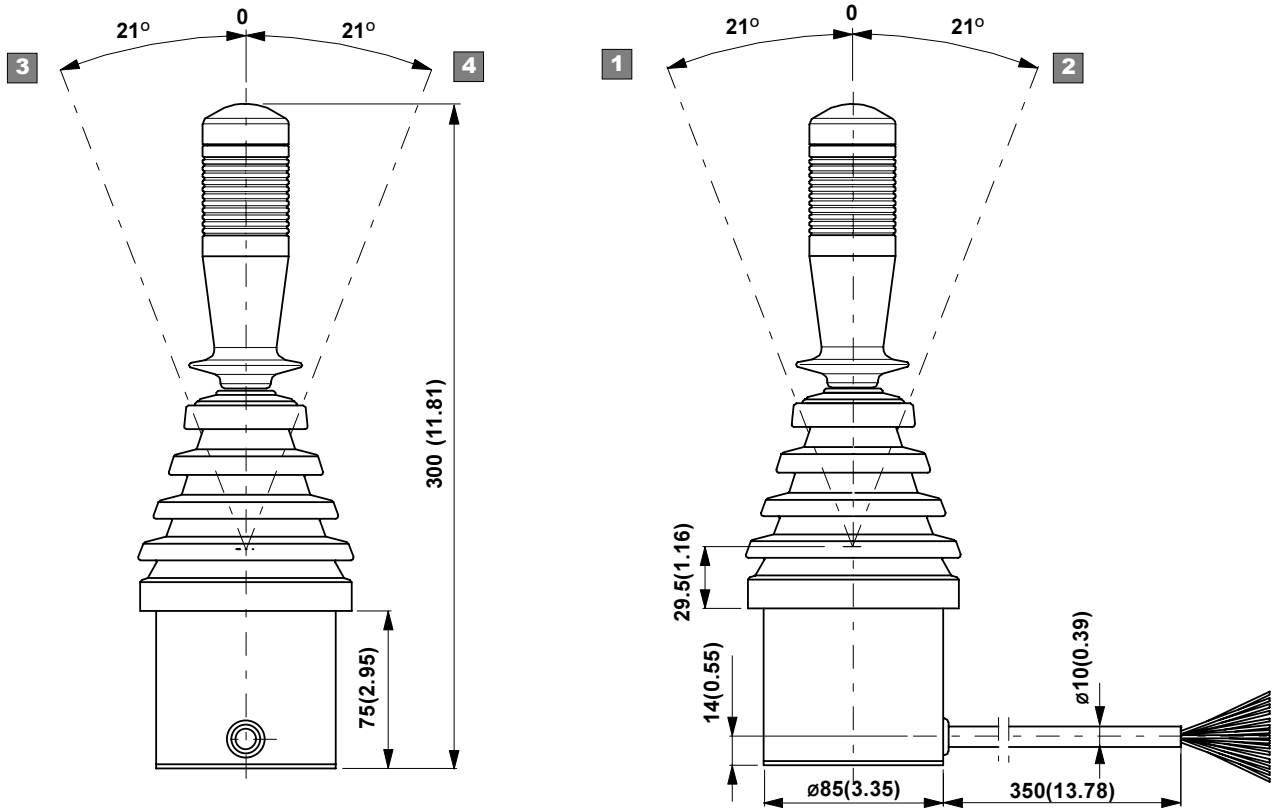
Joystick: MFE Type Handle



Joystick: MFE Type Handle - angled

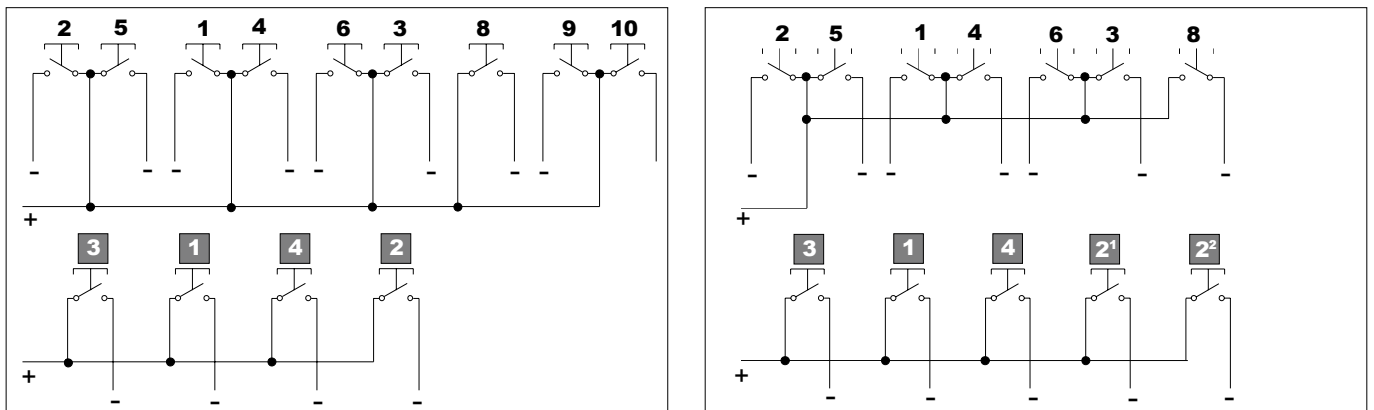


Joystick: Straight Handle



EPVJ SERIES ELECTRICAL CIRCUIT DIAGRAMS

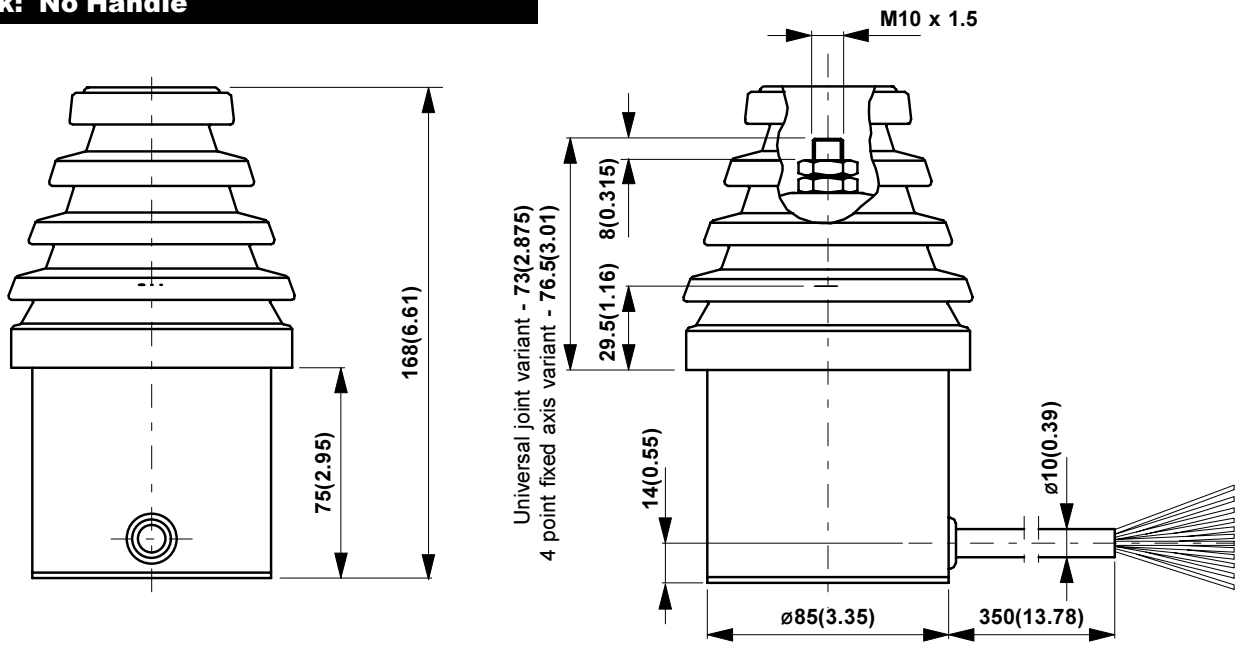
The circuit diagrams shown here should be regarded as general examples only as the combination of buttons may vary depending on customer requirements. Please consult your David Brown Hydraulics representative for specific electrical information. The electrical circuit diagrams shown correspond to the upper and lower diagrams on page 3.



EPVJ SERIES NOTES

1. Different cable lengths can be supplied to customer requirements.
2. Other Joystick variants are available. For details please consult your David Brown Hydraulics representative.
3. For details of handle options see the handle catalogue.
4. Connectors can be fitted to customer requirements.
5. Single axis version available on request.

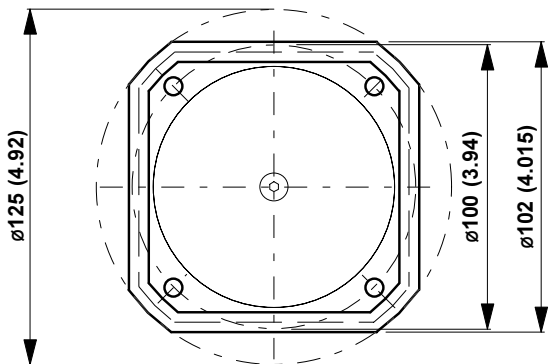
Joystick: No Handle



EPVJ SERIES MOUNTING DETAILS

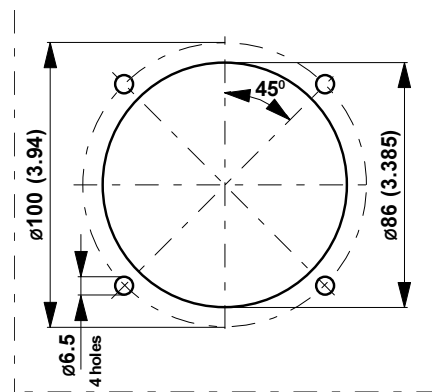
JOYSTICK FOOTPRINT

Typical across the EPVJ Series.

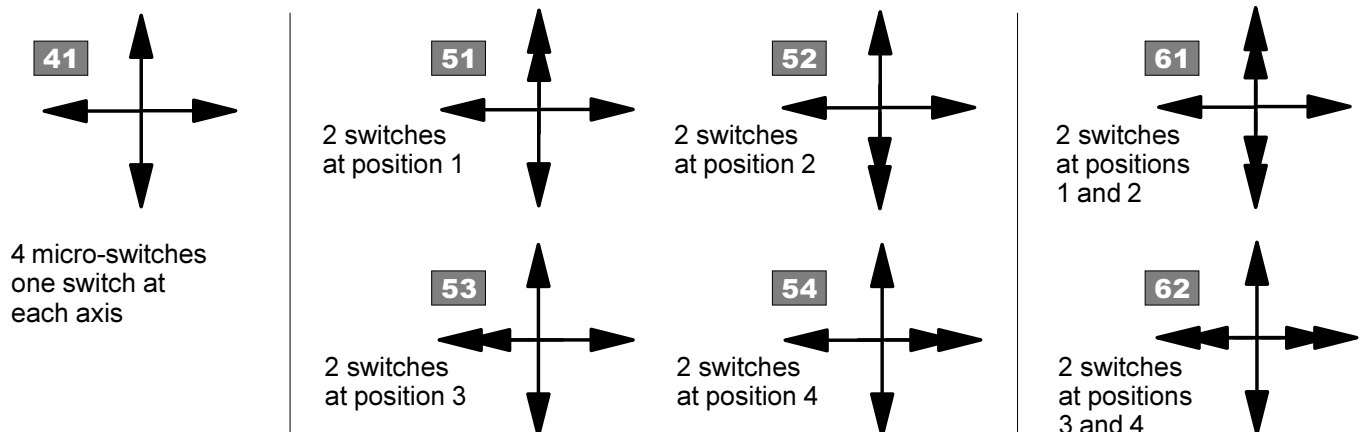


JOYSTICK MOUNTING DETAILS

Typical across the EPVJ Series.



EPVJ SERIES SWITCH POSITION OPTIONS



Global Hydraulics combines the businesses of David Brown Hydraulics, Hydreco, and Powauto and supports worldwide customers with application expertise and famously reliable products.

The Global Hydraulics range includes pumps, motors, valves, pilot valves and power take offs to provide transport and mobile hydraulic solutions to customers seeking reliability combined with advanced performance. For assistance see contact information below.



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