

# VD2 SERIES

## Valve Drivers

Valco Melton's VD2 Series Valve Drivers give operators direct control over electric applicators, with four gluing modes (bead, dot/gap, dot count, and percentage stitch) for precise adhesive pattern management. Stitch length, dot placement, and gap size are all configured from the front panel with the simple press of a button. Three models cover a range of installation and production requirements, from the compact standalone VD2 to the DIN rail-mountable VD2-E and the modular VD2-P, which scales up to 12 valves across multiple modules.

- **Optimize Adhesive Application.** Switch between bead, dot/gap, dot count, and stitch percentage modes to optimize the adhesive placed on each product.
- **Built For Reliability.** IP55-rated enclosure on the VD2 protects against dust and water ingress in demanding production environments.
- **Simplified Operator Control.** Adjust gluing mode, stitch length, input signals, and glue saving directly from the unit without PLC programming
- **No Pattern Length Programming Required.** Pattern set-up remains the same through existing PLC or control, reducing set-up time and operator error.



**VD2.** Externally mounted, capable of controlling 2 valves independently.



**VD2-P.** DIN rail mountable. Scales to control 12 valves.



**VD2-E.** DIN rail mountable. Controls up to 2 valves

## HIGHLIGHTED FEATURES



**Easy To Use Interface**  
An intuitive interface with dedicated input and output LEDs lets operators cycle through input duration, valve activations, and error history at a glance.



**Pattern Modes**  
Bead, dot gap, dot count, and percentage stitch modes available to optimize adhesive consumption



**PLC Integration**  
Field-wireable inputs accept a 24VDC signal from any PLC or pattern control.



**Optional Enclosures**  
Stainless steel optional enclosures are available for the VD-2p and the VD-2P

## Technical Specifications

	VD2	VD2-E	VD2-P
<b>Valve Channels</b>	2	2	Up-to 12
<b>DIN Rail Mounting</b>	No	Yes	Yes
<b>Enclosure</b>	Not Available	Optional	Optional
<b>Ethernet Capable</b>	No	No	Yes
<b>Input Voltage</b>	115/230VAC	115/230VAC)	115/230VAC)
<b>IP Rating</b>	IP55	IP20 (IP65 in Enclosure)	IP20 (IP65 in Enclosure)
<b>Depth</b>	9.25 in (235 mm)	7.29 in (185 mm)	16 in (406 mm)
<b>Width</b>	2.77 in (70.4 mm)	5.09 in (129 mm)	9.68 in (246 mm)
<b>Height</b>	5 in (127 mm)	2.6 in (66 mm)	6.06 in (154 mm)

For more information, visit [valcomelton.com](http://valcomelton.com) or contact your local representative  
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