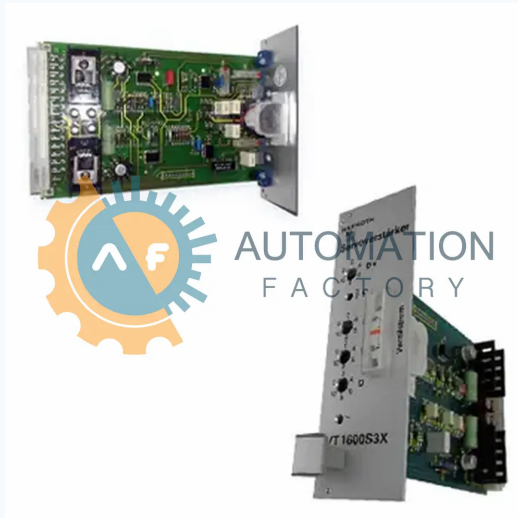


Bosch Rexroth Indramat — VT 1600 Servo Amplifiers

VT 16000-2X-130



 **In-Stock, Ships 3-5 Days**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



Secure Online
Checkout



Free Ground
Shipping



One Year
Warranty

The **VT 16000-2X-130** is a servo amplifier card produced by Bosch Rexroth Indramat for the VT 1600 Servo Amplifiers series. In electrohydraulic automation, it drives proportional valves by shaping current according to a closed control loop, allowing stable pressure or position control. The card slides into a standard rack, supporting modular installation alongside compatible control hardware in industrial control cabinets.

The control circuit uses a **PID** network, and a built-in dither oscillator injects a **340 Hz** signal to reduce valve hysteresis. The circuitry is arranged on a **Euro Card** measuring **100 × 160 mm**, allowing the module to fit IEC subracks without additional adapters. Field wiring terminates at a rear **32-pin plug**, keeping signal and power leads within a single connector. A faceplate-mounted ammeter displays the loop current without requiring an external meter. The front plate is 128 mm tall, aligning the card with adjacent modules in the rack. The feedback electronics operate without an LVDT pickup, making the card suitable for valves that provide internal position balancing. The component side of the printed circuit board occupies seven rack divisions, while the overall width is eight divisions to provide clearance for the card guide.

Trim potentiometers provide **three field adjustments** for gain, dither amplitude, and offset. The assembly weighs **0.15 kg**, which limits the load placed on card locks in high-vibration cabinets. An onboard relay with a coil resistance of **2000 Ω** switches the power stage. Its armature has a return time of **1 ms**, supporting rapid hydraulic transitions. Track spacing on the solder side is 5.08 mm to maintain suitable electrical clearance for the operating voltage, while the relay, potentiometers, and passive components are arranged so the card can be removed without

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

disturbing adjacent hardware.

Specifications

Adjustment Pots:	3	Ammeter:	Faceplate Mounted	Card Format:	Euro Card
Card Size:	100 x 160 mm	Component Side Width:	7 Divisions	Connector Style:	32-Pin Plug
Control Circuit:	PID	Dither Frequency:	340 Hz	Feedback Type:	Without LVDT
Front Plate Height:	128 mm	Relay Coil Resistance:	2000 ?	Relay Duty Cycle:	1 ms
Solder Side Width:	5.08 mm	Total Width:	8 Divisions	Weight:	0.15 kg
Last Verified:	10/29/2026 6:46 AM				

Contact Us

-  1620 Old Apex Road, Cary, NC 27513, USA
-  **Toll Free:** [1-888-551-3082](tel:1-888-551-3082)
-  **International:** [1-919-443-0207](tel:1-919-443-0207)
-  **Fax:** [1-919-867-6204](tel:1-919-867-6204)
-  **Email:** sales@wakeindustrial.com

Shipping Options



Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.