INDUSTRIAL SOLUTIONS

VarioShaker 270.
Component separator for pick and place and flexible feeding.

VARIOBOTIC
VarioShaker 270

VARIOBOTIC
endless possibilities

More than just a simple component separator. The Varioshaker 270 is primarily used in the fields of pick and place and flexible feeding. In comparison to conventional systems, the VarioShaker 270 is easy to set up and configure as well as robust and uncomplicated in use. Components with different shapes can be separated by controlled movements. In addition to a web-based configuration for easy operation, the VarioShaker 270 has an I/O interface and can therefore be adapted to almost any robot.

🌐 **www.variobotic.de**

Contact and Support

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VarioShaker 270.
Technical specifications.

Usable area	Approx. 185 × 185 mm
Material vibrating bowl	POM white
Vibrating bowl (transmitted light)	Plain with removal bevels
Recommended component size	0,5 to approx. 50 mm (further part sizes possible after testing)
Optional vibrating surfaces	Reduced area for smaller components, grooves, holes, elevations, structure, depressions (can be customized to your application)
Dimensions	Approx. 400 × 340 × 127,5 mm (L x W x H)
Temperature range	5°C - 40°C
Weight	14.2 kg
Software	WebGUI via standard web browser

	+48 V / 2A	Power supply (combine mass from 24 V and 48 V) the fuse is located in the housing					
	+24V / 2A						
	0 V						
	PE	Protective earth conductor					
Inputs 24 V DC max. 2,4 mA	I_EN	Enable / Start					
	I_Bit1	Binary coded sequence selection - examples:					
	I_Bit2		**Bit 1**	**Bit 2**	**Bit 3**	**Bit 4**	**Bit 5**
	I_Bit3	Sequence 1:	1	0	0	0	0
	I_Bit4	Sequence 2:	0	1	0	0	0
	I_Bit5	Sequence 3:	1	1	0	0	0
	I_LED	Control input for transmitted light					
Outputs 24 V DC max. 100 mA	O_Rdy	Condition: ready					
	O_Bsy	Condition: busy					
	O_Res	Unassigned (reserved)					
	O_Bnk	Hopper on					
Output 24 V DC max. 500 mA	O_Top	Incident light (additional lighting, optional)					
Further connections	M12 cable (8-pin) 5m	Control line between VarioShaker and control box					
	Ethernet (TCP/IP)	Optional for control					
	USB	USB port for update WebGUI					

70   396

M12-8 pin
Control line

345

128

80   180   132

163

200

M12-8 pin │ M8-4 pin
Control IAnm.: M8-4 polig nur für 96V-Variante
benötigine(s)
Note: M8-4 pin only required for 96V version