VarioShaker 270.

Component separator for pick and place and flexible feeding.







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.

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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	Power supply					
	+24V / 2A	,	(combine mass from 24 V and 48 V) the fuse is located in the housing					
	0 V	the fuse is local						
	PE	Protective earth conductor						
Inputs 24 V DC max. 2,4 mA	I_EN	Enable / Start	Enable / Start					
	I_Bit1	Binary coded se	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 fo	Control input for transmitted light					
Outputs 24 V DC max. 100 mA	O_Rdy	Condition: read	Condition: ready					
	O_Bsy	Condition: busy	Condition: busy					
	0.00	Hannalana di Ave	The section of the second N					

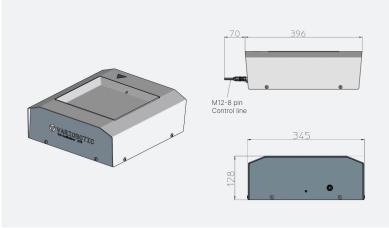
Outputs 24 V DC max. 100 mA

O_Rdy
O_Bsy
O_Res
O_Bnk
O_Roy
O_Bnk
O_Top
Incident light (additional lighting, optional)

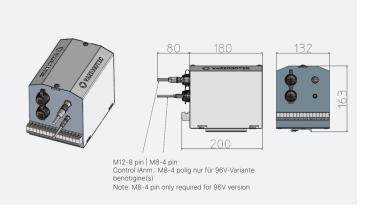
Further connections

I_LED
Control input for transmitted light
Condition: ready
O_Roy
O_Res
Unassigned (reserved)
Hopper on
Incident light (additional lighting, optional)
Control line between VarioShaker and control box
Ethernet (TCP/IP)
Optional for control

USB port for update WebGUI



USB



Misprints and technical changes reserved, Status: 05/2021