



VACUMANAGER VM SERIES POWER SUPPLY UNIT

3D drawings are available on vuototecnica.net

VACUMANAGER VM series units are integrated electro-pneumatic circuits designed to supply and manage single-stage and multi-stage vacuum generators. VM units house the following in an anodised body/distributor machined from billet aluminium:

- _ Digital vacuum switch with display (standard), also available on request in a version with IO-Link communication;
- _ Compressed air supply valve;
- _ Blow off valve;
- _ Flow regulator for the blow off valve.

A compact electro-pneumatic control circuit that incorporates all components for the management of vacuum and blow off generation in a handling system equipped with vacuum cups and powered by pneumatic vacuum generators (single-stage or multi-stage).

In combination with the Vuototecnica Energy Saving cables, these represent the best solution in terms of energy efficiency, as they limit the consumption of the compressed air supplying the pneumatic vacuum generators to the time strictly necessary to empty the vacuum cups.

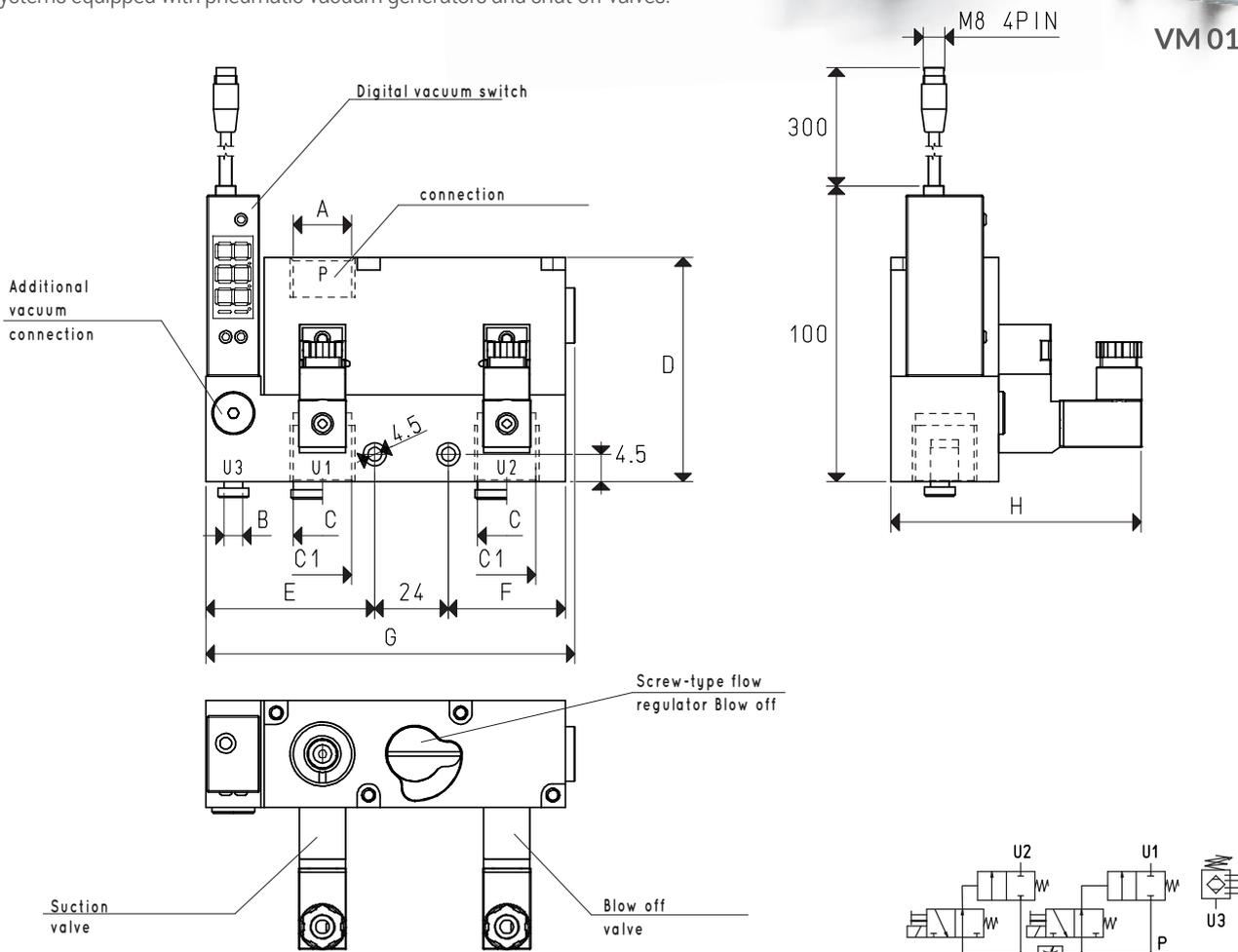
This energy-saving solution is even more valued and appreciated in all vacuum cup handling operations for products with excellent sealing or with micro-porosity (metal sheets, glass, wood or plastic veneered panels, etc.).

Vuototecnica also recommends VM units for handling all Octopus gripping systems equipped with pneumatic vacuum generators and shut-off valves.



VM 01

VM 01 IO



Item	A Ø	B Ø ext. tube	C1 Ø	C Ø ext. tube	D	E	F	G	H	Vacuum switch	Max flow rate solenoid valve l/1"	Electrical abs. w	Weight g
VM 01	G1/4"	4	---	8	54	22	38	76	72	12 30 10	600 + 600	2	358
VM 03	G1/2"	4	G1/2"	---	69	56	37	120	82	12 30 10	2360 + 2360	2	372
VM 01 IO	G1/4"	4	---	8	54	22	38	76	72	12 10 10 (Io-Link)	600 + 600	2	356
VM 03 IO	G1/2"	4	G1/2"	---	69	56	37	120	82	12 10 10 (Io-Link)	2360 + 2360	2	370

Spare parts		VM 01	VM 01 IO	VM 03	VM 03 IO
Digital vacuum switch	item	12 30 10	12 10 10 (Io-Link)	12 30 10	12 10 10 (Io-Link)
NC supply and blowing solenoid valve	item	00 15 447	00 15 447	00 15 447	00 15 447

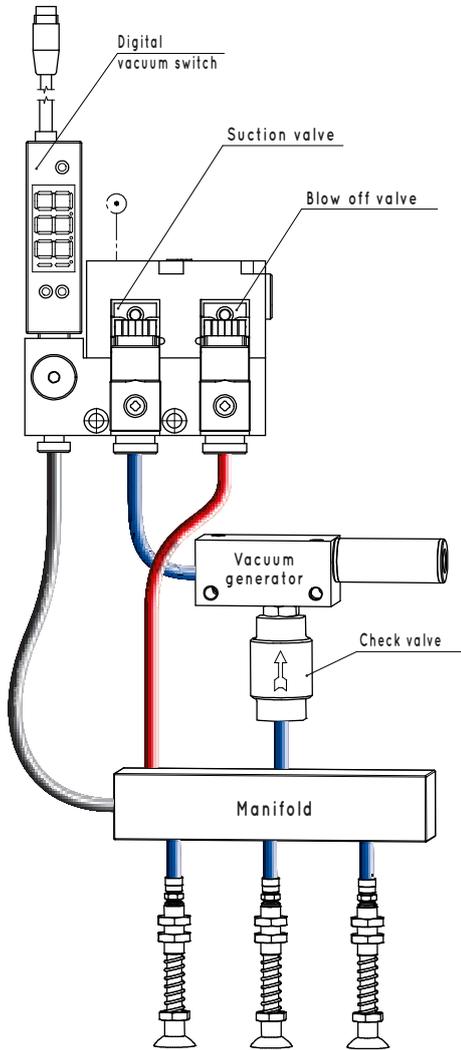
Note: To order VACUMANAGER VM series units with NC supply coaxial shutter, use item code VM..NC.

To order VACUMANAGER VM series units with digital vacuum switch, IO-Link, specify the code VM..IO.

APPLICATION EXAMPLE VACUMANAGER VM SERIES POWER SUPPLY UNIT



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Cable set with built-in energy saving device for VACUMANAGER VM series power supply unit

Item	Description
00 15 202	Set of cables with built-in energy saving device for connection to: - Digital vacuum switch - NO micro supply solenoid valve - NC micro ejection solenoid valve Cable length - 5 m

Note: The IO-Link signal cannot be handled by the energy-saving cable set.





ACCESSORIES AND SPARE PARTS FOR VACUMANAGER VM SERIES POWER SUPPLY UNIT

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Connector

Item	Description
00 15 157	Connector with LED for micro solenoid valves



M8 3 PIN Connector

Item	Description
00 07 424	M8 3 PIN Connector with LED for micro solenoid valves



Cable with axial connector

Item	Description
00 12 20	Electrical connection cable with M8 - 4 pin axial connector for digital vacuum switch length 5 m



Cable with radial connector

Item	Description
00 12 21	Electrical connection cable with M8 - 4 pin radial connector for digital vacuum switch length 5 m



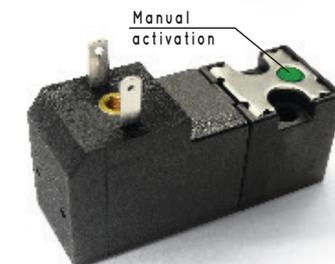
NO micro supply solenoid valve

Item	Description
00 07 304	NO micro solenoid valves with built-in low absorption electrical coil



NC supply and blowing micro solenoid valve

Item	Description
00 15 447	NC micro solenoid valves with built-in low absorption electrical coil



Digital vacuum switch

Item	Description
12 30 10	Digital vacuum switch

