

Datasheet

IMB – mv1

Doc.-No. : D2F122 101

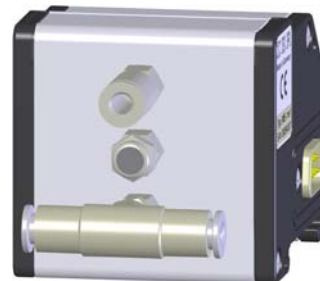
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The IMB-mv1 modules allow the switching of compressed air and vacuum.

The modules are especially suitable for switching small airflow quantities as used for controlling pneumatic movable probes. Larger airflow quantities can be switched by simply adding a pneumatically controlled 3/2-way valve.



Art.-Nr. F122 101

Technical data

Mechanical characteristics

Case	Aluminium anodised, plastic side parts
Dimensions W x H x D / Weight	50 x 49.25 x 62 mm / approx. 210 g

Electrical characteristics

Supply voltage by IMBus	+5V
Current consumption	165mA (switched) 18mA (not switched)
Interface	IMBus (RS485)

Connections

Electrical connection	9-pin Sub-D male
Input	Quick coupling T - Connector for hose 4/2.5 mm (adapter for hose 6/4 mm including the delivery) -0,9 bar (vacuum) ... 8 bar (compressed air) (water & oil free air)
Nominal flow	10 l / min.
Output	Quick coupling for hose 4/2.5 mm

Environmental conditions

Operating temperature range	0...45°C
Storage temperature range	-30...+80°C
Protection class	IP 50 (CEI / IEC 529)

Electromagnetic compatibility (EMC)

Electromagnetic compatibility (EMC)	Interference emission according to EN50081-2 Interference resistance according to EN50082-2
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Illustration of compressed air connection

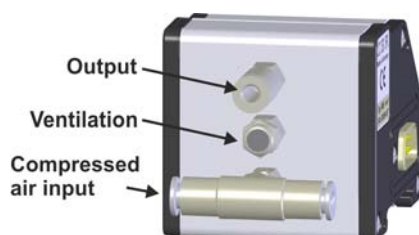


Illustration of vacuum connection

