

# MVC-3

EN

Control unit for ATMION<sup>®</sup> or BARION<sup>®</sup>



- Wide range of connectable active and passive vacuum gauges
- Automatic sensor identification
- Intelligent emission current control

## Technical data

	MVC-3 A0/AM	MVC-3 B0/BM	MVC-3 C
■ Display range	1 x 10 <sup>-12</sup> to 1500 mbar		
■ Units (adjustable)	Pa   mbar   Torr		
■ Display	LED (green), 1 line per channel (4-digit mantissa, 2-digit exponent)		
■ Display unit for	ATMION®	BARION®	Active gauges
Optionally for	2 active gauges at A(M) and B(M)		–
■ Housing	Aluminum, 107 x 165 mm		
■ Protection category	IP 40		
■ Measurement rate	50/s		
■ Operating elements	4 front keys		
■ Analog outputs	One per channel, 0 to 10 V, sensor dependent		
■ Set point relays (SPDT, 30 V DC/1 A)	■ MVC-3 A0: 4 ■ MVC-3 AM: 6	■ MVC-3 B0: 4 ■ MVC-3 BM: 6	4 relays
■ Interfaces	RS232 and RS485, analog (0–10 V)		
■ Power supply	100 to 240 V AC, 50/60 Hz (max. 60 W)		
■ Dimensions	■ Front (HxWxD): 129 x 107 x 2,5 mm ■ Housing (HxWxD): 105 x 92 x 162 mm		
■ Temperature range	5 to 50 °C (operation)		
■ Supported active gauges (only MVC-3 AM/BM/C)	CTR 90/100/91/101; TTR90/91/96/211/216/100/101; PTR225/237/90, CVM211		

## Compatible gauges and accessories



### ATMION®

Active wide range gauge with analog output, set point, and serial interface, optionally available as Profibus version.

### Converter

Converter with interface between USB 2.0 and RS232. Length of USB cable 0,8 m, driver CD.



### BARION®

Hot cathod ionization vacuum gauge according to with Bayard Alpert principle.

### Interface cable

Cable with one RS232 and two SUB-D 9 connections. Length 3 or 5 m.



### Active gauges

Active Pirani gauges like THERMOVAC, CERAVAC and PENNINGVAC.

### Measuring cable

For active gauges like ATMION®, CERAVAC, THERMOVAC and PENNINGVAC, each with a length of 3, 5, 10 or 15 m.