

P3010 AVM™2

Item number: P3010_AVM™2



- Patented multistage COAX® cartridge - MINI - with Pi, Si, Xi cartridge.
- AVM™2, Automatic Vacuum Management, unit with built-in control and monitoring functions.
- Valves for vacuum on/off, blow-off, blow-off flow control and non-return valve.
- Option with Normally Closed "fail safe" on/off valve (NC). It changes to an open valve if power is lost and vacuum will be generated. A conventional normally closed on/off valve (NC 2) is also available. It stays closed if electrical power is lost or removed.
- Option with automatic blow-off (1 sec) reduces number of outputs needed from PLC or I/O box.
- Analog vacuum sensor with two digital outputs.
- Digital display with “-kPa” or “-inHg” as unit options.
- Integrated energy saving function (ES) that minimizes the air consumption in sealed systems. The ES function can be activated manually or via a signal (signal override).
- Three-color LED status indicators for valves, signal outputs and ES.

Technical data

Description	Unit	Value
Material	-	Al. Nitrile (NBR). PA. PMMA. SS
Temperature, max.	°F	122
Temperature, min.	°F	32
Weight, max.	oz	11.64
Weight, min.	oz	8.82
Display	-	LED indicators. numeric
Feed pressure, max.	psi	102
Safety classification	-	IP65 [NEMA 4]
Current, output	mA	40
Noise level, max.	dBA	68
Noise level, min.	dBA	66
Current, consumption	mA	110
Vacuum flow, range, max.	scfm	15.89
Vacuum flow, range, min. (blow-off)	scfm	0
Hysteresis	inHg	7±1
Signal range, max.	-inHg	23.62
Signal range, min.	-inHg	5.91
Ripple, max.	V _{rms}	1
Supply voltage, max.	VDC	28
Supply voltage, min.	VDC	22
Supply voltage, nominal	VDC	24

