

# AVM™2 (Automatic Vacuum Management)



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- For vacuum pumps P3010, P5010 and P6010.
- AVM™2 unit with built-in control and monitoring functions.
- Integrated energy saving function (ES) minimises the air consumption in sealed systems.
- Valves for vacuum on/off and blow-off with electrical power failsafe function.
- Two digital outputs, 16 pre-set combinations of vacuum levels.
- Digital vacuum level display.
- Mechanical valve for blow-off flow adjustment.

### Technical data

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Material		PA, NBR, Al, SS, PMMA
Temperature range	°C	0–50
Signal range, adjustable	-kPa	20–80
Function, on/off		NO/NC
Hysteresis	kPa	7±1
Voltage	VDC	24 (22–28)
Safety classification		IP65 [NEMA 4]
Current, max. output load	mA	100
Humidity	%RH	90
Current consumption	mA	110
Ripple, max.	V <sub>rms</sub>	1
Display		LED indicators, numeric
Electric connection		M12 8-pin

For dimensions, please go to data sheet for vacuum pumps P3010, P5010 and P6010.

### Technical data, specific

Description	Unit	Value		
		P3010	P5010	P6010
Flow, blow-off @ P <sub>1</sub> =6 bar and Δp=0.5 bar	NI/s	0–7.5	0–7.5	0–7.5

Ordering information,  
accessories

Description	Art. No.
Cable M12 8-pin female, PUR, L=2m	0110238
Cable M12 8-pin female, PUR, L=5m	0117746
Y-cable M12 8-pin female, 2xM12 4-pin male, PNP, PUR, L=2m	0118407
Y-cable M12 8-pin female, 2xM12 5-pin male, NPN, PUR, L=2m	0120229