

AVM™2 (Automatic Vacuum Management)



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Features

- For vacuum pumps P3010, P5010 and P6010.
- AVM™2 unit with built-in control and monitoring functions.
- Integrated energy saving function (ES) minimizes 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. | psi | 101.5 |
| Material | | PA, NBR, AI, SS, PMMA |
| Temperature range | °F | 32–122 |
| Signal range, adjustable | -inHg | 5.9–23.6 |
| Function, on/off | | NO/NC |
| Hysteresis | -inHg | 2.07±0.30 |
| 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 _p | 1 V _{rms} |
| Display | | LED indicators, numeric |
| Electric connection | | M12 8-pin |

Technical data, specific

| Description | Unit | Value | | |
|---|------|--------|--------|--------|
| | | P3010 | P5010 | P6010 |
| Flow, blow-off @ P ₁ =87 psi and Δp=7.25 psi | scfm | 0–15.9 | 0–15.9 | 0–15.9 |

Ordering information**Description**

Available in product configuration, please go to data sheet for vacuum pumps P3010, P5010 and P6010.

**Ordering information,
accessories****Description****Part No.**

Cable M12 8-pin female, PUR, L=2m

01.10.238

Cable M12 8-pin female, PUR, L=5m

01.17.746

Y-cable M12 8-pin female, 2 x M12 4-pin male, PNP, PUR, L=2m

01.18.407

Y-cable M12 8-pin female, 2xM12 5-pin male, NPN, PUR, L=2m

01.20.229