PSA 100 C
Electronic Vacuum Switch with Display

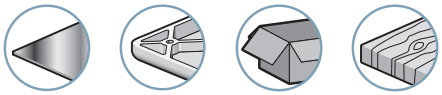


The PSA100C series electronic vacuum switch is the most efficient COVAL vacuum measuring component. It can be easily installed on all machines and robots, etc. thanks to its compact lightweight design.

Moreover it has a digital vacuum level display with two independently-adjustable digital outputs. Every aspect has been designed to make it easy to use.

Advantages: front panel programming, simplified adjustment and threshold locking, display inversion, your choice of NO or N.C. outlets (hysteresis can be independently adjusted for each output).

Industry-specific applications

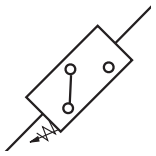


Specifications

Compatible fluids	All non-corrosive, filtered, non-lubricated gases
Supply	12 to 24 V CC ± 10%
Current consumed	≤ 60 mA
PNP transistor output	125 mA with 24 V DC, programmable NO or NC
Output viewing	Led
Output 1	Green LED
Output 2	Red LED
Programming	Keyboard
Display	Bar
EMC	Industrial standard Class B
Protection	IP 40
Electrical connection	M8, 4-pin connector
Pneumatic connection	G1/8" or M5-F
Shock resistance	100 G on XYZ
Display resolution	1%
Adjustment resolution	1%
Rating range	0.10 ~ -1.00 bar
Setting range	0.00 ~ -1.00 bar
Maximum overpressure	3 bar
Weight	30 g

Advantages

- 2 configurable digital outputs
- Adjustable hysteresis
- M8 F connector
- LED display
- PNP



Additional Information

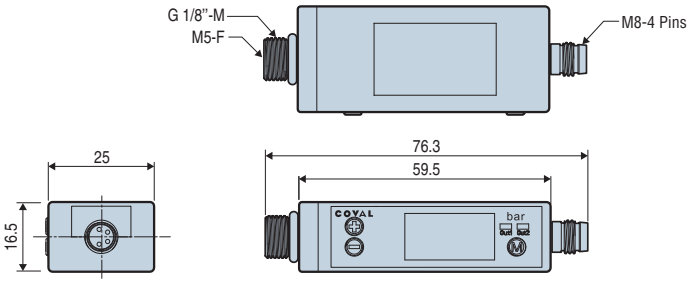
Electrical connections

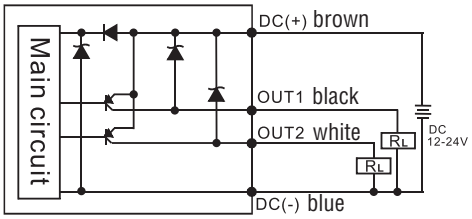
- M8 connector



1 = + 24 V DC
2 = Output 2
3 = Common
4 = Output 1

Dimensions





Accessories

- Straight or elbow connector, see page 11/12.
- Mounting on vacuum pump:
  - GVP series: GVO PSA 100 C
  - GEMP series: VA option

Note: all dimensions shown in (mm)

For all orders, please specify: PSA 100 C