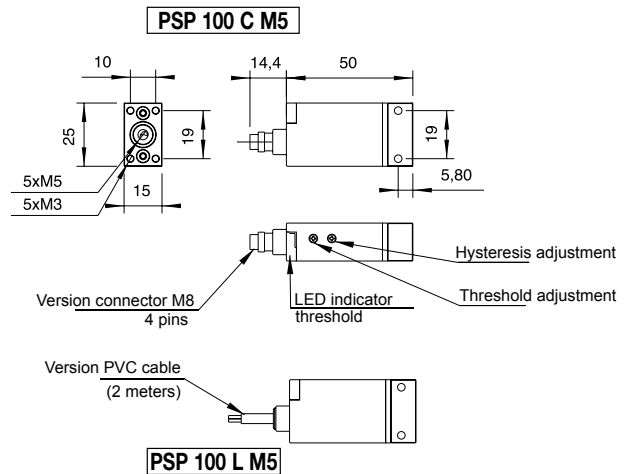
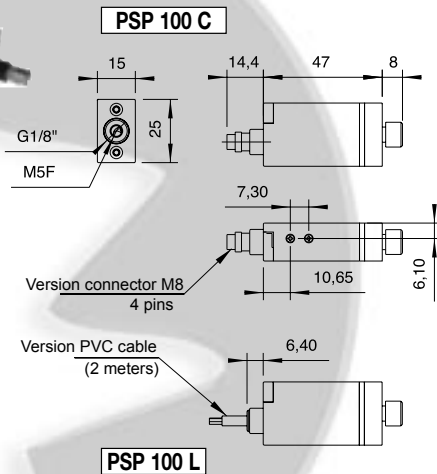


# Electronic vacuum switch, series PSP 100



New

Energy-saving  
Precise  
Compact

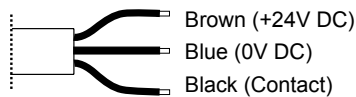


## Applications:

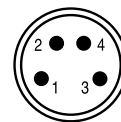
The latest model of COVAL's electronic vacuum switch family integrates threshold and hysteresis setting in standard. 3 vacuum connections (1/8 G Male, M5 female or Base M5) and 2 electrical connections (2 meters cable and M8 connector) make up the standard range.

## Electrical connection:

PVC Cable (2 m length)



CONNECTOR M8



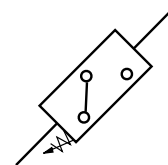
- 1: +24 V DC - Brown
- 2:
- 3: 0V DC - Blue
- 4: Contact - Black

## Specifications:

Models	PSP 100 L	PSP 100 LM5	PSP 100 C	PSP 100 CM5
Compatible fluids	All non-corrosive, filtered, non lubricated gases			
Power supply	18-30 V DC regulated, pole changing protection			
Current draw	< 20 mA			
Transistor outputs	N.O. 125 mA at 24 V DC			
Thermal error	±3 % measuring scale from 0 to 50°C			
Output display	LED			
Response time	< 5 ms			
Threshold adjustment	By potentiometer 3/4 turn			
Hysteresis adjustment	0 to 30% adjustment by potentiometer 3/4 turn			
EMC	Industrial standard class B			
Material	PA 66 and brass	PA 66 and alu.	PA 66 and brass	PA 66 and alu.
Operating temperature	0 to + 50°C (storage -10 to + 60°C)			
Protection class	IP 50			
Electrical connection	PVC cable (2 m long)		Connector M8 (4 pins)	
Pneumatic connection	1/8 Gas or M5F	Base M5F	1/8 Gas or M5F	Base M5F
Weight	62g	67g	22g	27g

## Caractéristiques:

Characteristics	Measuring range	Overpressure in
Models	bar	bar
PSP 100	0 / -1	+3



1 contact output  
Connector M8  
Or cable IP50 (2m)

## Accessories:

Straight and elbowed connector: see on page 32, general catalogue.  
Optional fitting GVO: part n° GVO PSP 100 L or GVO PSP 100 C.

## Mounting of vacuum switch:

Clip reference PSE.F.

TO ORDER:

PSP 100



1: Electrical connection:	
L	Cable 2 meters
C	Connector M8

2: Vacuum connection:	
-	1/8 G M or M5 F
M5	Base M5 F

