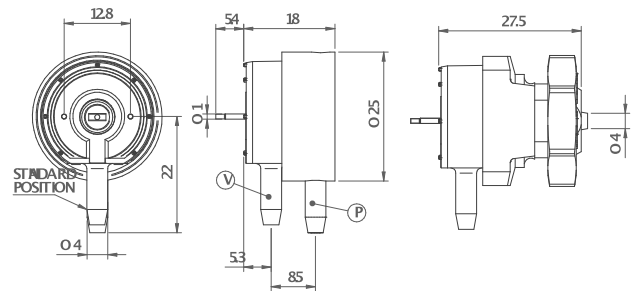


6761 & 6763 PCB Mounting Pressure/Vacuum Switches (slow make contacts)

PRODUCT IMAGE



LINE DRAWING



BENEFITS

- a range of small switches designed for direct mounting onto printed circuit boards
- UL versions available upon request
- low pressure switching
- available with back or side tube entry
- silver or gold contact options
- switches can be factory set within specified tolerances
- various spout orientations available

SPECIFICATIONS

standards/approvals	UL 508 specific models only
degree of protection	n/a
connection method	via back or side entry spouts, 2 or 4mm dia.
electrical rating	see table below
contact configuration	SPST N/O
pressure range	see table below
operating temperature	-10 ⁰ C to +85 ⁰ C (flow solder 220 ⁰ C for 5 sec)
body material	thermoplastic
weight	0.008Kg
additional information	Temperature compensated versions available upon request

6761 & 6763 PCB Mounting Pressure/Vacuum Switches (slow make contacts)

Model No		6761 vacuum	6763 pressure
Pressure Range (mbar)	Minimum	15	15
	Maximum	670	1,000
Maximum Hysteresis (mbar)		0.15	
Body withstand pressure (mbar)		2,040	
Flow rate litre/min (with temperature compensation) (mbar)		8 – 30cc/min @ 77	
Pressure Connection		back & side entry spout, 4mm dia. back entry 2mm dia. only	
		Lower spout 'V' vacuum & Upper spout 'P' pressure	
Connecting tube reference		2311-01 / 2311-08 to suit 4mm dia. spout 2311-03 to suit 2mm dia. spout	
Diaphragm		Silicone	
Mechanical Life		1 x 10 ⁶ cycles	

Electrical Data					
Contact configuration		SPST N/O		SPST N/O	
Contact Plating		Silver	Gold	Silver	Gold
Contact Rating	Minimum	10mA 24V DC	10mA 24V AC/DC	10mA 24V DC	10mA 24V AC/DC
	Maximum	0.5A 250V AC	50mA 250V AC	0.5A 250V AC	50mA 250V AC
UL Approved Versions	Maximum	50mA 250V AC	10mA 24V AC/DC	50mA 250V AC	10mA 24V AC/DC

6761 & 6763 PCB Mounting Pressure/Vacuum Switches (slow make contacts)

Switch Range

A miniature, compact low pressure switch designed for direct fitting by solder pins to printed circuit boards. Both vacuum and pressure ports are provided, making the unit ideal for differential switching. Typical applications are indicators, emergency cut-out and alarms, filter and low pressure/vacuum monitoring. The switch is made to order for specific applications, the actual operating pressure or vacuum being set during production. However, finite adjustment may be made after installation using the slotted screw in the base.

The body construction allows the two ports to be set at any angle to each other.

Side entry cap positions

