

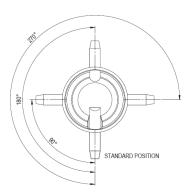


- A range of small switches designed for direct mounting onto printed circuit boards
- UL versions available upon request
- Low pressure switching
- Slow make contacts
- Available with back or side tube entry
- Silver or gold contact options
- Switches can be factory set within specified tolerances
- Various spout orientations available

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.

Side entry cap reference positions

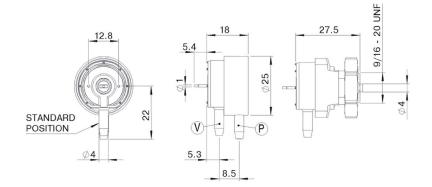




Specifications												
General												
Standards/approvals		UL 508 specific models only										
Degree of protection		n/a										
Connection method		Via back or side entry spouts, 2 or 4mm dia.										
Electrical rating		See table below										
Contact configuration		SPST N/O										
Pressure range		See table below										
Operating temperature range		-10°C to +85°C (flow solder 220°C for 5 sec.)										
Body material		Thermoplasic										
Weight		0,008 kg										
Additional information		Temperature compensated versions available upon request										
Options and Specifications												
Model		6761 Vacuum		6763 Pressure								
Pressure Range Min.		15 mbar		15 mbar								
Pressure Range Max.		670 mbar		1,000 mbar								
Maximale Hysteresis		0,15 mbar	0,15 mbar									
Body withstand pressure		2,040 mbar										
Flow rate litre/min (with temperature compensation)		8 – 30cc/min @ 77 mbar										
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										
Feder		Spring steel										
Electrical data												
Contact configuration		SF	PST N/O	SPST N/O								
Contact plating		Silver	Gold	Silver	Gold							
Contact rating	Min	10mA 24V DC	10mA 24V AC/DC	10mA 24V DC	10mA 24V AC/DC							
Contact rating	Max	0.5A 250V AC	50mA 250V AC	0.5A 250V AC	50mA 250V AC							
UL Approved versions	Max	50mA 250V AC	10mA 24V AC/DC	50mA 250V AC	10mA 24V AC/DC							



Dimensions





Ordering information

(Please use the characters in the chart below to create your product code)

Sam	ple Code	676 <u>1</u>	-	<u>0</u>	<u>S</u>	A	E	-	<u>U</u>	0	0	1	-	<u>50mbar</u>
Мо														
1	Vacuum Switch													
3	Pressure Switch													
Bas	е Туре													
0	Side entry with 4 mm Ø spout (standard position)													
Ρ	Side entry with 4 mm Ø spout (90° orientation from standard position)													
Q	Side entry with 4 mm Ø spout (180° orientation from standard position)													
R	Side entry with 4 mm Ø spout (270° orientation from standard position)													
С	Back entry with 4 mm spout													
E	Back entry with 4 mm spout, long thread													
K	Back entry with 2 mm spout long thread													
Н	Back entry with 4 mm spout, long thread (90° orientation from standard)													
	ntact Material and Switch													
A	ting Silver contacts rated 0.5A 250V AC (No UL approval)													
В	Gold contacts rated 50 mA 250 V AC/DC (No UL approval)													
S	Silver contacts rated 50 mA 240V AC (UL approved)]									
G	Gold contacts rated 10 mA 24V AC/DC													
Ble	ed													
F	Bleed fitted													

Blank No Bleed fitted



Ordering information

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Sample Code	676 <u>1</u>	-	<u>0</u>	<u>S</u>	<u>A</u>	E	-	<u>U</u>	0	0	1	-	<u>50mbar</u>
Approval Authority													
Blank Not UL approved													
U UL approved													
Drawing Number													
The drawing number associated with the configuration. Please specify if known (the number is assigned by Herga)													
Switching Point													
Specification of the pressure switch point (value and unit of measurement, "mbar" as standard)	-												
The switching point is recorded in													

The switching point is recorded in the drawing number and is only informative in the product code.

UL Approved Standard Models

6761-0SA-U001-20mbar 6761-0SA-U002-100mbar 6761-0SA-U003-500mbar 6763-0SA-U007-250mbar 6763-0SA-U005-20mbar 6763-0SA-U002-50mbar 6763-0SA-U006-100mbar 6763-0SA-U008-500mbar 6763-0SA-U009-750mbar 6763-0SA-U010-1000mbar

If you require a customized solution for your program contact our sales team.