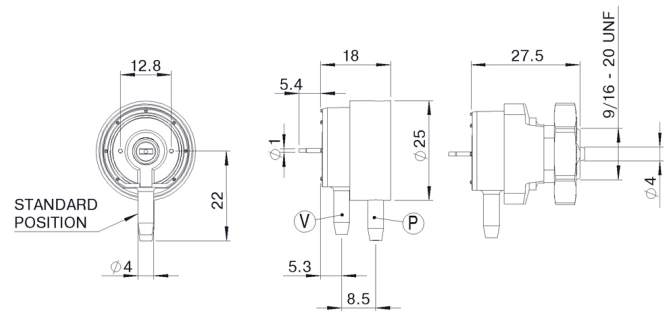


6891 & 6893 PCB Mounting Airswitch (slow make contacts)

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	n/a
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	for pressure or vacuum versions see 6763/6761 in Pressure/Vacuum section. temperature compensated versions available upon request

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model no	6891 standard		6893 sensitive		
nominal set point (mbar)	37 or 62		15 or 25		
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

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

Side entry cap positions

