



- ▶ A range of small switches designed for direct mounting on 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

Specifications	
Standards/approvals	UL 508 specific models only
Degree of protection	n/a
Connection method	Back & side entry spout, Ø2 or Ø4 mm
Electrical rating	See table
Contact configuration	SPST N/O
Diagrapm	Silicone
Mechanical life	1 x 10 ⁶ cycles
Pressure range	n/a
Operating temperature range	-10° C to +85° C (flow solder 220°C for 5 sec)
Body material	Thermoplastic



Range options		6891 standard		6893 sensitive	
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 – 30 cc/min @ 77			
Pressure connection		back & side entry spout, Ø4mm back entry Ø2mm only			
Connecting tube reference		2311-01 / 2311-08 to suit Ø4mm spout 2311-03 to suit Ø2mm spout			
Diaphragm		Silicone			
Contact plating	Min.	Silver	Gold	Silver	Gold
Contact rating	Min.	10 mA 24V DC	10 mA 24V DC	10 mA 24V DC	10 mA 24V DC
	Max.	0.5 A 250V AC	50 mA 250V AC	0.5 A 250V AC	50 mA 250V
UL Approved Versions	Max.	50 mA 250V AC	10 mA 24V DC	50 mA 250V AC	10 mA 24V

Dimensions

