



- ▶ **These switches have been designed primarily for the OEM manufacturer who requires high reliability**
- ▶ **UL recognised versions available**
- ▶ **Double pole switching available as a 6732**
- ▶ **Wide choice of microswitch options including tag configurations**
- ▶ **High performance repeatability**

Specifications	
Standards/approvals	UL 508 specific models only
Degree of protection	n/a
Connection method	Back & side entry spout, 4mm dia. or 1/8" BSPT & NPT Brass
Electrical rating	See table below
Contact configuration	See table below
Operating temperature range	-5°C to +70°C
Body material	Thermoplastic
Weight	0.04 kg
Additional information	Setting accuracy ±10% For very low power circuits, gold contact versions are available upon request Alternative diaphragm & spring materials available upon request

Model part no.	6731-03	6731-06	6731-10
Pressure Range Min.	4 mbar	12.5 mbar	50 mbar
Pressure Range Max.	18 mbar	62 mbar	137 mbar
Body withstand pressure	2550 mbar		
Connecting tube reference	2311-01 / 2311-08 to suit Ø4 mm spout		
Diaphragm	Neoprene		
Mechanical life	2 x 10 ⁶ Cycles	2 x 10 ⁶ Cycles	1 x 10 ⁶ Cycles
Spring	Spring steel		



Model		6731-03		6731-06			6731-10		
Contact configuration		SPCO							
Contact plating		Silver							
Electical life		2 x 10 ⁵ @ 1A Cycles		2 x10 ⁵ @ 6A, 5 x 10 ⁴ @ 10A Cycles			2 x10 ⁵ @ 10A, 1 x 10 ⁴ @ 21A Cycles		
Electrical rating		Maximum electrical load							
	Voltage (V)	Resistive (A)	Inductive (A)	Resistive (A)	Inductive (A)	Motor (Pf0.75)	Resistive (A)	Inductive (A)	Motor (Pf0.75)
AC	125	3	1	10	3	0.5HP	21	8	1HP
AC	250	3	1	10	3	0.5HP	21	8	2HP
DC	6	3	1	10	3		21	21	
DC	12	3	1	5	3		15	15	
DC	24	1	0.5	5	3		8	7	
DC	60	1	0.5	1	0.5		1	0.5	
DC	110	0.5	0.2	0.5	0.2		0.5	0.2	
DC	220	0.25	0.1	0.25	0.1		0.25	0.1	



Suitability for use with the following media:	
Acetone	☑
Ammonia (Liquid)	☑
Amyl Alcohol to 20°C	☑
Automotive Brake Fluid	☑
Beer	☑
Benzyl Alcohol	x
Butane	✓
Carbon Dioxide – Dry	✓
Citric Acid	✓
Copper Sulphate (Sol.)	☑
Compressed Air	✓
Cutting Oil	✓
Diesel Oil	✓
Detergent Solution	✓
Fuel Oil	✓
Glycol	✓
Hydraulic Oil	✓
Hydrogen	✓
Lubricating Oil	✓
Milk	☑
Mineral Oil	✓
Natural Gas	✓
Nitric Acid (Dil.)	x
Oxygen to 70°C	✓
Petrol	☑
Plating Solution (Chrome)	☑
Salt Water	☑
Sewage	✓
Sulphur Dioxide	x
Turpentine	✓
Vinegar	☑
Water	✓

- ✓ = Recommend
- ☑ = Suitable with modification
- x = Not suitable



Dimensions

