

## NTC Thermistors

BC

Low cost Non-Mercury tilt

Assemtech Europe

*new*

BC components 640 series NTC disc thermistors for general temperature



### Technical specification

Response time	1.2s
Thermal time constant	11s
Operating temperature range	@ zero power -40 to +125 deg C @ Maximum power 0 to +55 deg C
Dissipation factor	7mW deg C
Maximum dissipation	500mW
Tolerance	5%
Initial resistance	25 deg C

Type	Order code	Price each	1-24	25-99	100+
2K2 (B con 3977K)	570-001	£0.23	£0.20	£0.18	
4K7 (B con 3977K)	570-002	£0.23	£0.20	£0.18	
10K (B con 3977K)	570-003	£0.23	£0.20	£0.18	
15K (B con 3740K)	570-004	£0.23	£0.20	£0.18	
22K (B con 3740K)	570-005	£0.23	£0.20	£0.18	
33K (B con 4100K)	570-006	£0.23	£0.20	£0.18	

Low cost non Mercury PCB mounting tilt switches with gold contacts. Vertical M1230-1, Horizontal M1230-2

### Technical specification

Contact rating	250mA @ 240V dc		
Contact resistance	10R		
Body dimensions	11mm x 5mm (H) x 6mm (D)		
Type	Order code	Price each	
		1-24	25-99
		100+	
Non Mercury tilt vert	570-052	£0.36	£0.33
Non Mercury tilt horiz	570-053	£0.38	£0.35

## Non-Mercury tilt switch

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A hermetically sealed tilt switch employing non toxic materials in a miniature sealed metal package. The device is mercury free making it suitable for a wide range of applications including toys, games, automotive and water sensing. The switch is designed for horizontal mounting, with make to break changeover typically within 10 deg either side of horizontal. Type CW-1300-1. RoHS compliant.

### Technical specification

Contact arrangement	Normally open, single pole			
Contact rating	150mA @ 12V dc, 10mA @ 120V ac			
Contact resistance	0.8R max @ 45 deg tilt			
Temperature range	-40 deg C to +150 deg C			
Body dimensions	10.2mm x 4.7mm dia			
Type	Order code	Price each	1-24	25-99
			100+	
Non Mercury tilt	570-050	£0.88	£0.75	£0.69

## Non-Mercury vibration switch

Assemtech Europe



A hermetically sealed vibration switch employing non toxic materials in a miniature sealed metal package. The device is mercury free. It will change state when disturbed and is not position sensitive. Type MS-24. RoHS compliant.

### Technical specification

Contact arrangement	Change of state		
Switching voltage max	24V		
Switching current max	25mA		
Contact resistance	Initial 2R		
Temperature range	-37 deg C to +100 deg C		
Body dimensions	9.5mm x 9.3mm dia		
Pin spacing	4.7mm		
Type	Order code	Price each	
		1-24	25-99
		100+	
Non Mercury vibrat	570-051	£1.95	£1.72