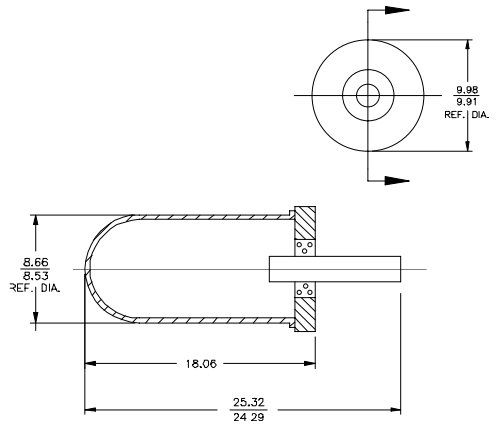
Part No: 20144 - A1 Series
Tilt Switch - Mercury

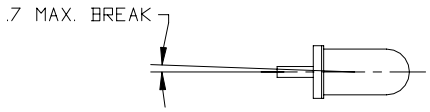
Features:

* Un-Insulated
* Form: NO/NC/SPST/Mount dependant
* Angles Referenced from Horizontal
* Single Electrode
* Hermetically Sealed
* Small Package Size
* Extremely Narrow Included Angle
* High Current Capability
* Low Contact Resistance
* Long Life



Drawing dimensions in millimeters.

Tilt switches “make” when the electrode is tilted below horizontal and “break” when tilted above the horizontal. Total travel from “make” to “break” is the “Maximum included angle” shown below. The component to which the switch is attached must have a total tilt angle greater than the “Maximum included angle” for proper operation.



Must Break Angle * :	+ 0.7º
Maximum included Angle:	1.4º
	* Make/break angles are electrode + (above) / - (below) 0° horizontal reference
Switch Ratings:	
Max Switching Voltage	240V
Max Switching Current	120VAC / 1A, 240VAC / 0.7A : 120VDC / 0.5A, 240VDC / 0.4A : Tungsten 240V / 100W
Initial Contact Resistance (Max).	50 milli Ohms
Stand Off Voltage (contact to contact)	1500 VAC
Operating Temperature	-38º to 220ºF / -38º to 105ºC
Storage Temperature	-40º to 356ºF / -40º to 180º C
Typical number of operations at specified load	10,000,000
G-Force Activation G-Level/Range	N/A
Dimensions:	
Weight per 100pcs. Lbs / Kgs:	1.10 / 0.50
Body Length (less leads). Inches / Millimeters:	0.71 / 18.05
Maximum Diameter. Inches / Millimeters:	0.39 / 9.98
Materials:	
Lead Wire Type	N/A
Lead wire length/skive/termination	N/A
Finish:	None

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