

Part Number : PD6000
Power Level Sensor - RoHS Compliant
Product Data Sheet

PICTURE	DIMENSIONS	WORKING POSITION	WIRING DIAGRAM
	<p>ENCAPSULATION: Flame retardant ABS plastic. Flame Rating: UL94V0 (ID-3420 rated UL94-6VA)</p>		<p>PD6000 Wiring Diagram</p>

✓ RoHS Compliant

Drawings not to scale. All Dimension in mm(in) nominal

TECHNICAL SPECIFICATIONS		
Switch characteristics	For 12V DC Application Only	
Tip-Over Sensing	ON/OFF and OFF/ON	
When Vertical	One contact is NC, second is NO	
Vertical Sensitivity	Omnidirectional	
Break Angle	45° +/-5°	
Typical Electrical Load VDC		
N.O. Contact	20A@12VDC	
N.C. Contact	10A@12VDC	
Electrical Characteristics		
Nominal Operating Voltage Range	9.0 - 14.5V DC	
Reverse Polarity Protection		
Wires		
Electrical Connections	Five Wire	
Red Wire	+12V DC	
Black Wire	Common Wire/-12V DC	
Two White Wires	NC Contact	
Green and Black Wires	NO Contact	
Red Wire Gage	16 or 18	
White, Green and Black Wires Gage	16	
Environmental Data	Not sensitive to low frequency vibration relatively to the vertical and horizontal axis	
Vibration proof time delay	1.2-2.5 sec	
Storage Temperature Range	-40C to 85C	
Operating Temperature Range	-40C to 55C	
Operational shock	10g	
Water and Air Proof Construction	Epoxy Encapsulated	
Housing Material	Flame Retardant ABS	
Dimensions and Weight		
Length	3.875" [98.43mm]	
Width	2.000" [50.80mm]	
Height	2.090" [53.09mm]	
Weight	0.827Lb ± 0.022Lb	

REV. NO.	REVISION NOTE	DATE	SIGNATURE
A	Datasheet Update	March 2010	LG

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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