

Annexure-1 (Hall Effect Voltage Sensor) 1500 V

sl. no	Specification	Value	Supplier Compliance
1	The HALL-effect voltage sensors for the electronic measurement of DC & AC voltage, with galvanic isolation between the primary (high power) and the secondary (electronic) circuits.		
2	Primary nominal rms current	10 mA	
3	Measuring range	10 to 1500 V	
4	Supply Voltage	± 15 V	
5	Current consumption	10 mA	
6	Accuracy at + 25 ⁰ C	$\leq \pm 0.8\%$	
7	Galvanic Isolation voltage	≥ 4.2 kV RMS/50Hz/1 minute	
8	Zero offset current	$< \pm 0.4$ mA	
9	Linearity error	< 0.2 %	
10	Step response time	25 micro sec	
11	Bandwidth	0 to 50 KHz	
12	Ambient operating temperature:	-40 ⁰ C to + 85 ⁰ C	
13	Storage temperature	-50 ⁰ C to +90 ⁰ C	
14	Mounting	Printed Wiring Board mountable	
15	Expected part no	LEM make LV25P/SP5	

