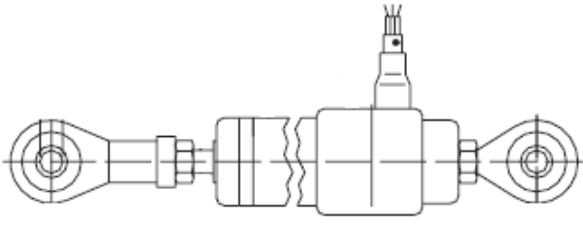


PSGSG 2015-16 / 007	SPECIFICATIONS FOR LINEAR POTENTIOMETER	Drg. No.	Nil
		Date	05.09.2015
		Product	GIS
S.No.	BHEL Specification	Vendor Compliance (Yes/No)	Vendor description remarks/
1.0	APPLICATION: This equipment shall be used for the tracing the travel characteristics of Circuit breaker operating mechanism.		
2.0	STROKE LENGTH: The device shall be used for an application having useful stroke length of 275mm. The total length of device in completely close condition shall not exceed 430±5mm		
3.0	SAMPLE DRAWING: 		
4.0	QUANTITY REQUIREMENT: The required quantity of linear potentiometers is 10 Nos.		
5.0	RESOLUTION: The device shall offer a resolution less than 10 microns.		
6.0	LINEARITY: The equipment shall offer an independent linearity $\leq \pm 0.2 \%$.		
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Contd.

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S.No.	BHEL Specification	Vendor Compliance (Yes/No)	Vendor description remarks/
7.0	SPEED: The device shall be operable with a linear speed up to 10 m/sec.		
8.0	SEALING: The device shall be sealed as per IP50		
9.0	CABLE: The device shall be provided with electrical cable of length about 1 meter.		
10.0	FIXING: The device shall be suitable for mounting with the help of ball joints.		
11.0	QUALIFYING REQUIREMENTS: The supplier shall be of national / International repute with proven record and should have supplied linear potentiometers for capturing travel characteristics. The supplier must submit along with the offer a few references to whom the supplier has supplied the linear potentiometers for the similar application.		
12.0	DOCUMENTS: The supplier shall submit the following documents at the time of delivery. a) Device test certificate. b) Warrantee certificate.		
12.0	GENERAL The equipment shall be packed in appropriate packing so as to prevent transit damages.		
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