

LO10 Oil Filled Wirewound Linear Potentiometer



For more information about this product, visit our website at: www.potentiometers.com

Series LO10 Oil-Filled linear potentiometers feature a Wirewound Element

Features

- Wirewound resistive element
- Oil Filled
- Anodized Aluminum Housing, Bushing
- Stainless Steel Shaft
- Stroke Length: 30, 50, 100mm

Electrical Specifications

Resistance Range: 15 to 40K ohms standard
See chart below

Resistance Tolerance: $\pm 5\%$

Insulation Resistance: 100 Megohms @ 500VDC

Dielectric Strength: 500VAC

Linearity: $\pm 0.5\%$

Mechanical Specifications

Housing: Anodized Aluminum

Life: 10,000,000 strokes

Environmental Specifications

Operating Temp: -30°C to 105°C

Temp Coefficient: $\pm 400\text{PPM}/^{\circ}\text{C}$

Vibration: 10Hz to 2,000Hz - 15G

Moisture Resistance: -40°C 85%RH 120 Hrs

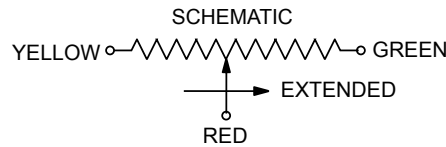
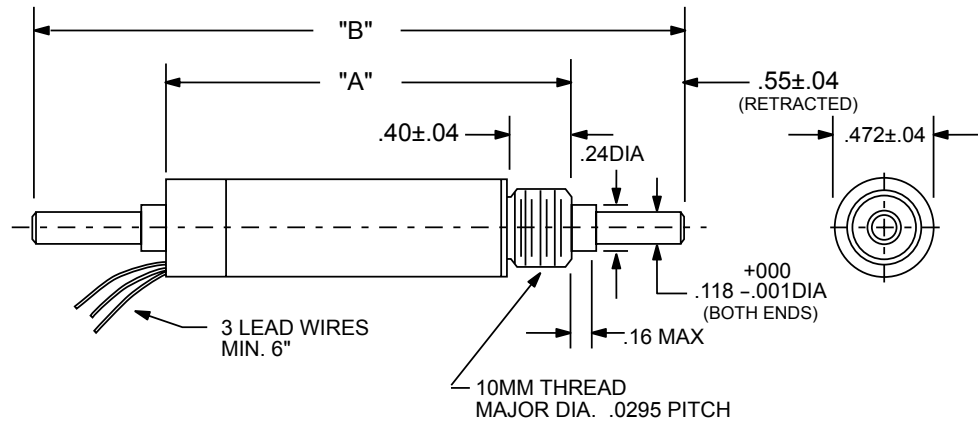
Shock: 50G 11mS

Model	Elec. Stroke	Mech. Stroke	Power Watts	Resistance Range
LO10-30	1.181"	1.260"	0.5	15 - 10K
LO10-50	1.968"	2.047"	0.75	50 - 20K
LO10-100	3.937"	4.015"	1	50 - 40K

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DIMENSIONS

	A	B
LWR10-30	3.346	5.708
LWR10-50	4.134	7.283
LWR10-100	6.102	11.220



Ordering Information

Example Part Number: **LO10-P-60-10K**

LO10	P	50	10K	SB
Model	Shaft Style	Stroke Length	Resistance	Options
LO10	P = Plain T = Threaded #10-32	30 = 30mm 50 = 50mm 100 = 100mm	100 = 100 ohms 200 = 200 ohms 500 = 500 ohms 1K = 1K ohms 2K = 2K ohms 5K = 5K ohms 10K = 10K ohms 20K = 20K ohms	SB = Sealed Body

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