

LINEAR POTENTIOMETER *DIA13-xx*

Set of high performance and reliable linear potentiometers, based on "conductive plastic" technology.

Ideal applications: car suspensions, motorcycle forks, and shock absorbers.



Cod.	"A" Measurement Range mm (± 0.5 mm)	"B" Retracted Mounting Distance mm	Resistance ($\pm 20\%$) Kohm
DIA13-25	25	173	1,7
DIA13-50	50	198	3,4
DIA13-75	75	223	5
DIA13-100	100	248	6,7
DIA13-125	125	271	8,4
DIA13-150	150	298	10
DIA13-200	200	348	13,4
DIA13-250	250	398	16,7

TECHNICAL SPECIFICATIONS:

- ◆ Maximum Supply Voltage: 40 Vdc
- ◆ Resolution: Essentially Infinite
- ◆ Repeatability: ≤ 0.01 mm
- ◆ Operational Speed: 10 m/s max
- ◆ Mechanical Life: >25 Million Cycles
- ◆ Temperature Range: -40 to 125°C
- ◆ Environmental Sealing: IP67
- ◆ Independent Linearity: $\leq \pm 0.5\%$
- ◆ Cable Type: Raychem 55A 24 AWG
- ◆ Cable Length: 500mm
- ◆ Housing: Aluminium
- ◆ Spherical bearing: $\varnothing 5$ mm
- ◆ Exit cable: STD \rightarrow Reverse Cable Exit
Optional \rightarrow Forward Cable Exit

