

LINEAR POTENTIOMETER DIA13PJ-xx

Set of high performance and reliable linear potentiometers, based on "conductive plastic" technology.
 Ideal applications: car suspensions, motorcycle forks, and shock absorbers.



Cod.	Mechanical stroke mm (+2mm)	Retracted Mounting Distance mm (± 2 mm)	Body Length mm	Resistance ($\pm 20\%$) kOhm
DIA13PJ-25	25	153	107	1,7
DIA13PJ-50	50	178	132	3,4
DIA13PJ-75	75	203	157	5
DIA13PJ-100	100	228	182	6,7
DIA13PJ-125	125	253	207	8,4
DIA13PJ-150	150	278	232	10
DIA13PJ-175	175	303	257	11,7
DIA13PJ-200	200	328	282	13,4

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: $-40 \div 150^{\circ}\text{C}$
- ◆ Environmental Sealing: IP67
- ◆ Independent Linearity: $\leq \pm 0.5\%$
- ◆ Cable Type: Raychem 55A, 26 AWG
- ◆ Cable Length: 500mm
- ◆ Housing: Aluminium
- ◆ Mechanical Fixing: Pop Joints (2x Ball Pins $\varnothing 6$ mm – M4x6mm)
- ◆ Exit cable: STD \rightarrow Reverse Cable Exit
Optional \rightarrow Forward Cable Exit

