

LINEAR POTENTIOMETER *DIA9,5PJ-xx*

Miniaturized linear potentiometers, based on "conductive plastic" technology. Quick installation and release thanks to the "Pop Joints" mounting system. Typical applications: car suspensions, motorcycles forks and shock absorbers, pedal stroke, movable wings...



Cod.	Mechanical stroke mm (+2mm)	Retracted Mounting Distance mm (±2mm)	Resistance (±20%) Kohm
DIA9,5PJ-12,5	12,5	98	0,8
DIA9,5PJ-25	25	110	1,7
DIA9,5PJ-50	50	135	3,4
DIA9,5PJ-75	75	175	5
DIA9,5PJ-100	100	206	6,7
DIA9,5PJ-125	125	231	8,4
DIA9,5PJ-150	150	256	10
DIA9,5PJ-175	175	266	11,7

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 150 °C
- ◆ Protection: IP67
- ◆ Linearity: ≤ ±0.5%
- ◆ Cable Type: Raychem 55M, 26 AWG, Viton Sleeve
- ◆ Cable Length: 500 mm
- ◆ Case Material: Aluminium
- ◆ Mechanical Fixing: Pop Joints (2x Ball Pins Ø6mm – M4x6mm)
- ◆ Weight: 26 ÷ 46 gr
- ◆ Exit cable: STD → Reverse Cable Exit
Optional → Forward Cable Exit

