

LINEAR POTENTIOMETER *DIA19-xx*

Set of high performance and reliable linear potentiometers, based on "conductive plastic" technology.
 Suitable for motorsport and industrial applications.



Cod.	Mechanical stroke mm (+2mm)	Retracted Mounting Distance mm (± 2 mm)	Body Length mm	Resistance ($\pm 20\%$) kOhm
DIA19-25	25	173	107	1,7
DIA19-50	50	198	132	3,4
DIA19-75	75	223	157	5
DIA19-100	100	248	182	6,7
DIA19-150	150	298	232	10
DIA19-200	200	348	282	13,4
DIA19-250	250	398	332	16,7
DIA19-300	300	448	382	20
DIA19-350	350	518	452	23,4
DIA19-400	400	568	502	26,7
DIA19-450	450	618	552	30

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, 24 AWG
- ◆ Cable Length: 500mm
- ◆ Housing: Aluminium
- ◆ Spherical bearing: $\varnothing 5$ mm
- ◆ Exit cable: STD \rightarrow Reverse Cable Exit
 Optional \rightarrow Forward Cable Exit

