

## Linear Sensors (Standard)



### Description

Very high performance, compact linear sensors with a 15mm square body. Fully sealed and ideal for use on gearbox, throttle, suspension and steering sensing applications. **Technical**

### Data

Life expectancy	<b>&gt;25 million cycles</b>
Operational speed	10 m/s Max
Environmental sealing	'O' ring and felt shaft seal
Electrical sealing	IP67
Temperature range	-40 to +175°C
Cable type	Raychem 55, 24 AWG
Cable length	600mm (screened)
Repeatability	0.01mm
Maximum supply voltage	42VDC
Mechanical stroke	+1.5mm of electrical stroke
Resistance	100 ohms/mm
Linearity	0.5%
Mounting hole diameter	5mm

### Travel / retracted distance between mounting centres (all in mm)

25	173
50	198
75	223