

## 75mm-150mm Potentiometer

### Specifications:

**Stroke lengths** 75mm – 150mm  
**Max. Supply Voltage** 40VDC  
**Output Signal** Potentiometer (voltage divider)  
**Independent Linearity**  $\leq 0.5\%$   
**Repeatability**  $\leq 0.01\text{mm}$   
**Operational Speed** 10m/s max  
**Electrical & Mechanical Life** >25 million operations (depending on installation and environmental conditions)  
**Housing Material** Aluminium  
**Wiring** +Ve Supply 0V Supply (GND) Signal  
**Cable Type** 3 wire Raychem 55A, 26AWG, FDR 25 sleeve  
**Cable Length** Approximately 500mm  
**Sealing** IP67  
**Body length** 116-197mm

**Resistance (kOhm +/- 20%)** 5-10  
**Mechanical Fixing** Pop Joints M4 x 6mm  
**Approx. Weight Without Cable (g)** 30-40

Our Sensor use 4 way molex connectors (**Part No. 52213-0417**) in which you can find:

- Ground
- Signal
- +5V
- Empty

