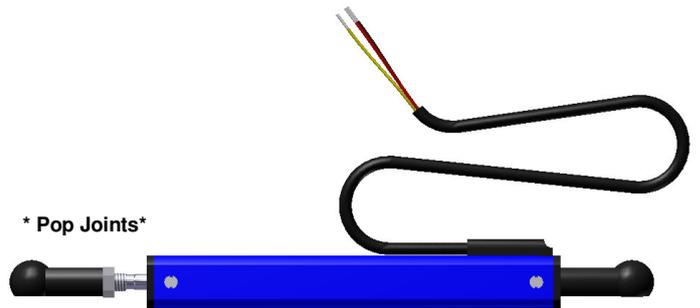




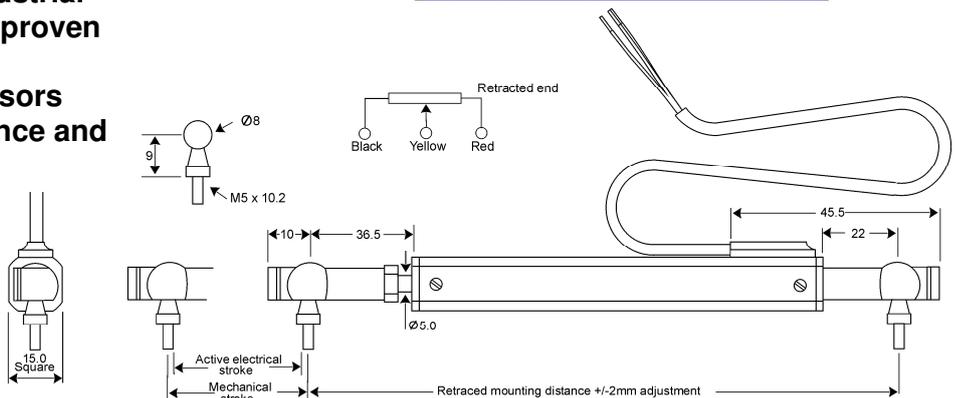
PS-C15MP Series Linear Potentiometer

- **Rugged Construction**
- **Excellent Linearity**
- **Sealed To IP65**
- **Long Life**

The PS-C15MP series of Linear Potentiometers are designed to provide linear measurement solutions for harsh environments associated with industrial applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.



* Pop Joints*



Specifications:

PS-C15MP- Electrical Stroke (mm)	25	50	75	100	150	200	250
Retracted Mounting Distance (mm)*	165	190	215	240	290	340	390
Resistance (K Ω) +/-20%	2.5	5	7.5	10	10	10	10
Maximum Supply Voltage	40VDC						
Resolution	Essentially Infinite						
Repeatability	≤ 0.01 mm						
Operational Speed	10 M/s max						
Mechanical Life	> 25 Million Cycles						
Temperature Range	-40 to +125°C						
Environmental Sealing	IP65						
Recommended Wiper Current	< 10 μ A						
Independent Linearity*	$\leq \pm 0.5\%$						
Cable Type*	Raychem 55A, 24AWG, Braid & FDR Extruded Sleeve						
Cable Length*	500mm						
Track Technology	Conductive Plastic						
Housing Material	Aluminium						
Mechanical Fixing	Pop Joints (2 x mating Ball Pins supplied with each sensor)						

*Custom options are available on request.

Specifications are subject to change, without notice.

Warranty: The PS-C15MP is backed by a 1 year warranty. The user is responsible for correct installation and application suitability.