



Sense
Measure
Control

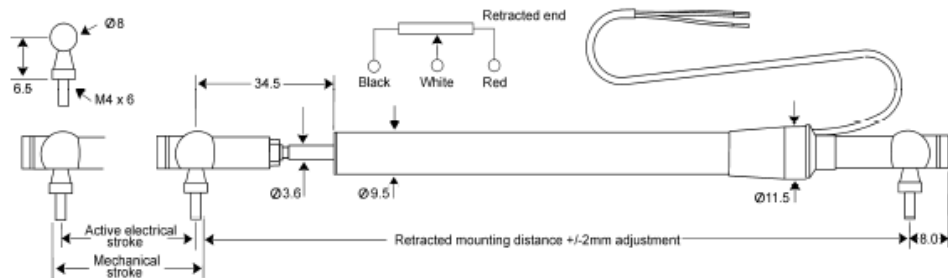
Model PS-C95P Linear Potentiometer

- **Rugged Construction**
- **Excellent Linearity**
- **Sealed To IP67**
- **Long Life**
- **Miniature Design**

*** Pop Joints ***



The PS-C95P series of Linear Potentiometers are designed to withstand the harsh environment of motorsport applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.



Specifications:

PS-C95P- Electrical Stroke (mm)	12.5	25	50	75	100	125	150
Retracted Mounting Distance (mm)*	102.5	115	149	175	205	230	260
Weight (g)	20	23	27	31	35	41	44
Resistance (K Ω) +/-20%	0.85	1.65	3.34	5	6.7	8	10
Maximum Supply Voltage	40 VDC						
Resolution	Essentially Infinite						
Repeatability	$\leq 0.01\text{mm}$						
Operational Speed	10 M/s max						
Mechanical Life	> 25 Million Cycles						
Temperature Range	-40 to +150°C (short term 175°C)						
Environmental Sealing	IP67						
Recommended Wiper Current	< 10 μA						
Independent Linearity*	$\leq \pm 0.5\%$						
Cable Type*	Raychem 55M, 26 AWG, Viton 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-C95P series are backed by a 1 year warranty. The user is responsible for correct installation and application suitability.

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