



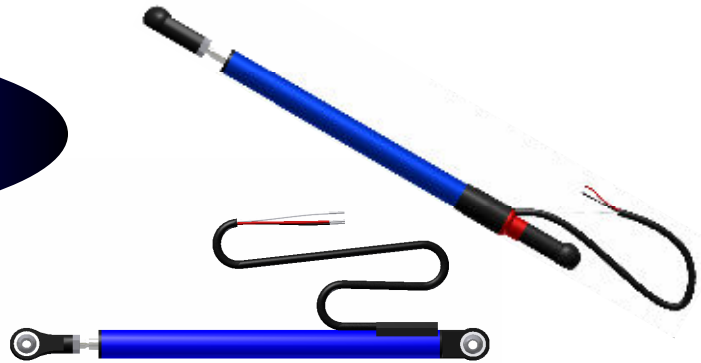
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PS-C95 Series Linear Potentiometer



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

The PS-C95 series of Linear Potentiometers are designed to withstand the harsh environment of industrial and motorsport applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.

PS-C95

Active Electrical Stroke (mm)	12.5	25	50	75	100	125	150
Retracted Mounting Distance (mm)*	82.5	95	120	145	178	203	228
Mechanical Stroke (mm)*	14.5	27	52	77	102	127	152
Weight Approximate (g)	24	26	29	33	37	43	46
Resistance (KOhms +/-20%)	0.85	1.65	3.34	5	67	8	10
Sealing: IP65							
Temperature Range: -30 to +125°C							

PS-C95M

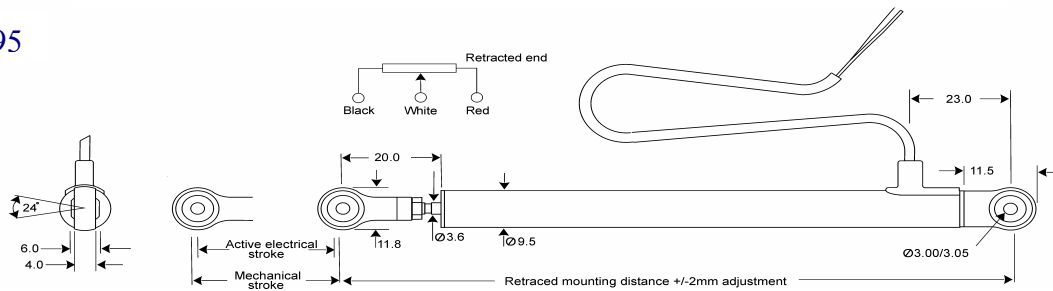
Active Electrical Stroke (mm)	12.5	25	50	75	100	125	150
Retracted Mounting Distance (mm)*	82.5	95	120	145	178	203	228
Mechanical Stroke (mm)*	14.5	27	52	77	102	127	152
Weight Approximate (g)	24	26	29	33	37	43	46
Resistance (KOhms +/-20%)	0.85	1.65	3.34	5	67	8	10
Sealing: IP67							
Temperature Range: -30 to +150°C (short term +175°C)							

PS-C95P (Pop Joints)

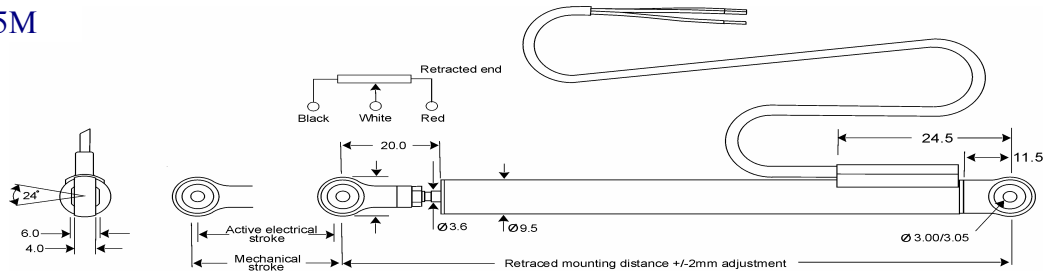
Active Electrical Stroke (mm)	12.5	25	50	75	100	125	150
Retracted Mounting Distance (mm)*	102.5	115	149	175	205	230	260
Mechanical Stroke (mm)*	14.5	27	52	77	102	127	152
Weight Approximate (g)	20	23	27	31	35	41	44
Resistance (KOhms +/-20%)	0.85	1.65	3.34	5	67	8	10
Sealing: IP67							
Temperature Range: -30 to +150°C (short term +175°C)							



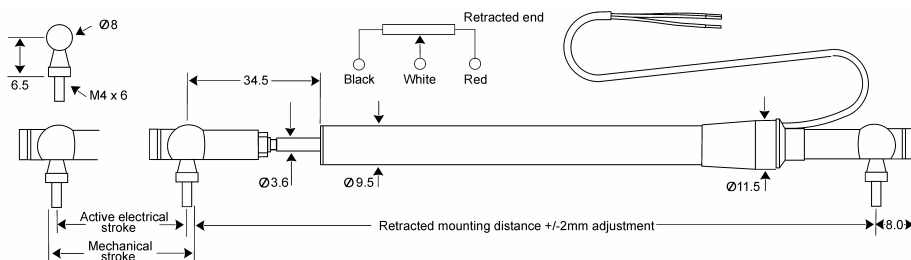
PS-C95



PS-C95M



PS-C95P



Specifications:

Maximum Supply Voltage	40 VDC
Resolution	Essentially Infinite
Repeatability	≤0.01mm
Operational Speed	10 M/s max
Mechanical Life	> 25 Million Cycles
Recommended Wiper Current	< 10µA
Independent Linearity*	≤ +/- 0.5%
Cable Type*	Raychem 55M, 26 AWG, Viton Sleeve. Red, Black, White (signal)
Cable Length*	500mm
Track Technology	Conductive Plastic
Housing Material	Aluminium
Shaft Material	Stainless Steel

Ordering Information: [PS-C95-Range](#)
[PS-C95M-Range](#)
[PS-C95P-Range](#)

**Custom options are available on request.*

Since the suitability of these products depends upon a wide range of factors not in our control, the manufacturer expects and understands that you will conduct the testing and evaluation necessary to determine that these products are suitable for your application. Whilst every effort is made to ensure the above details are correct at the time of printing, the manufacturer reserves the right to make material changes, and or technical changes without notification.

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