

Position Sensors Ltd  
 Unit 6, Holloways  
 Bessemer Close,  
 Ebblake Industrial Estate  
 Verwood BH31 6AZ UK  
 Tel: +44 (0)1202 064834  
 Fax: +44 (0)1202 798614



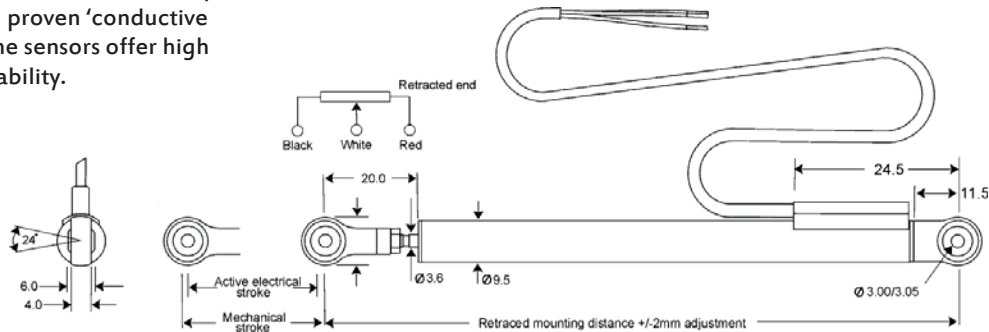
## New shaft seal lip seal for 2017

If your application requires a low force to move the shaft please add LF to the product code

## PS-C95M Series Linear Potentiometer

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

The PS-C95 series of Linear Potentiometers are designed to provide linear measurement solutions for a variety of applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.



PS-C95M- Electrical Stroke (mm)	12.5	25	50	75	100	125	150	175
Retracted Mounting Distance (mm)*	82.5	95	120	145	178	203	228	253
Weight (g)	24	26	29	33	37	43	46	50
Resistance (KΩ) +/-20%	1.0	2.0	4.0	6.0	7.5	9.5	11.5	13.5
Maximum Supply Voltage	40 VDC							
Resolution	Essentially Infinite							
Repeatability	≤0.01mm							
Operational Speed	10 M/s max							
Mechanical Life	> 25 Million Cycles							
Temperature Range	-30 to +150°C							
Environmental Sealing	IP67							
Recommended Wiper Current	< 10µA							
Independent Linearity*	≤+/- 0.5% error							
Cable Type*	Raychem 55M, 26 AWG							
Cable Length*	500mm							
Track Technology	Conductive Plastic							
Housing Material	Aluminium							
Mechanical Fixing	Spherical Bearings, Alloy Body. Mounting Hole Ø3.0mm							

\*Custom options are available on request. Specifications are subject to change, without notice.

Warranty: The PS-C95M series are backed by a 1 year warranty. The user is responsible for correct installation and application suitability.

Position Sensors Ltd  
 Unit 6, Holloways  
 Bessemer Close,  
 Ebblake Industrial Estate  
 Verwood BH31 6AZ UK  
 Tel: +44 (0)1202 064834  
 Fax: +44 (0)1202 798614



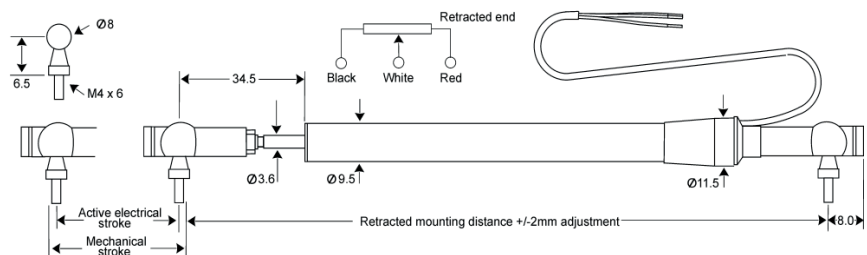
## New shaft seal lip seal for 2017

If your application requires a low force to move the shaft please add LF to the product code

## PS-C95P Series Linear Potentiometer

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

The PS-C95 series of Linear Potentiometers are designed to provide linear measurement solutions for a variety of applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.



PS-C95P- Electrical Stroke (mm)	12.5	25	50	75	100	125	150	175
Retracted Mounting Distance (mm)*	102.5	115	149	175	205	230	260	285
Weight (g)	20	23	27	32	36	42	45	49
Resistance (KΩ) +/-20%	1.0	2.0	4.0	6.0	7.5	9.5	11.5	13.5
Maximum Supply Voltage	40 VDC							
Resolution	Essentially Infinite							
Repeatability	≤0.01mm							
Operational Speed	10 M/s max							
Mechanical Life	> 25 Million Cycles							
Temperature Range	-30 to +150°C							
Environmental Sealing	IP67							
Recommended Wiper Current	< 10µA							
Independent Linearity*	≤+/- 0.5% error							
Cable Type*	Raychem 55M, 26 AWG							
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.

Position Sensors Ltd  
 Unit 6, Holloways  
 Bessemer Close,  
 Ebblake Industrial Estate  
 Verwood BH31 6AZ UK  
 Tel: +44 (0)1202 064834  
 Fax: +44 (0)1202 798614



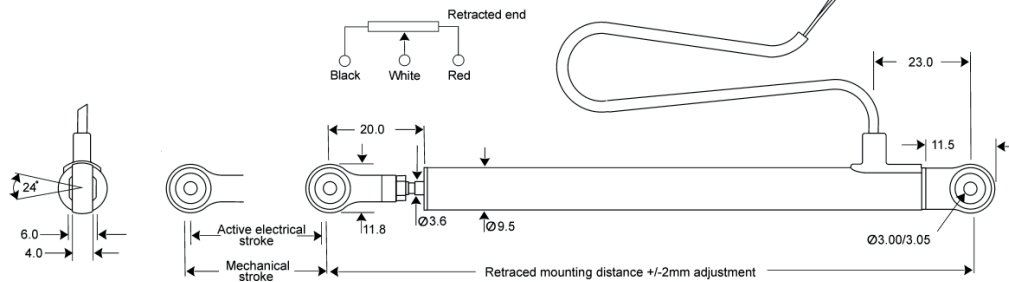
## PS-C95 Series Linear Potentiometer

- Rugged Construction
- Excellent Linearity
- Sealed To IP66
- Long Life
- Miniature Design

The PS-C95 series of Linear Potentiometers are designed to provide linear measurement solutions for a variety of applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.

### New shaft seal lip seal for 2017

If your application requires a low force to move the shaft please add LF to the product code



PS-C95- Electrical Stroke (mm)	12.5	25	50	75	100	125	150	175
Retracted Mounting Distance (mm)*	82.5	95	120	145	178	203	228	253
Weight (g)	24	26	29	33	37	43	46	50
Resistance (KΩ) +/-20%	1.0	2.0	4.0	6.0	7.5	9.5	11.5	13.5
Maximum Supply Voltage	40 VDC							
Resolution	Essentially Infinite							
Repeatability	≤0.01mm							
Operational Speed	10 M/s max							
Mechanical Life	> 25 Million Cycles							
Temperature Range	-30 to +100°C							
Environmental Sealing	IP66							
Recommended Wiper Current	< 10µA							
Independent Linearity*	±+/- 0.5% error							
Cable Type*	Raychem 55M, 26 AWG							
Cable Length*	500mm							
Track Technology	Conductive Plastic							
Housing Material	Aluminium							
Mechanical Fixing	Spherical Bearings, Alloy Body. Mounting Hole Ø3.0mm							

\*Custom options are available on request. Specifications are subject to change, without notice.

Warranty: The PS-C95 series are backed by a 1 year warranty. The user is responsible for correct installation and application suitability.

[www.position-sensors.co.uk](http://www.position-sensors.co.uk)

[sales@position-sensors.co.uk](mailto:sales@position-sensors.co.uk)

Questi prodotti sono distribuiti e supportati in Italia da:



Instrumentation Devices Srl

Via Acquanera 29 - 22100 COMO (Italy)

ph +39 031 525 391- fax +39 031 507 984

info@instrumentation.it - [www.instrumentation.it](http://www.instrumentation.it)