

MS-15 series - Linear Potentiometers

Manufactured in UK



- **Rugged Construction**
- **Excellent Linearity**
- **Sealed To IP67**
- **Long Life**
- **Custom stroke***

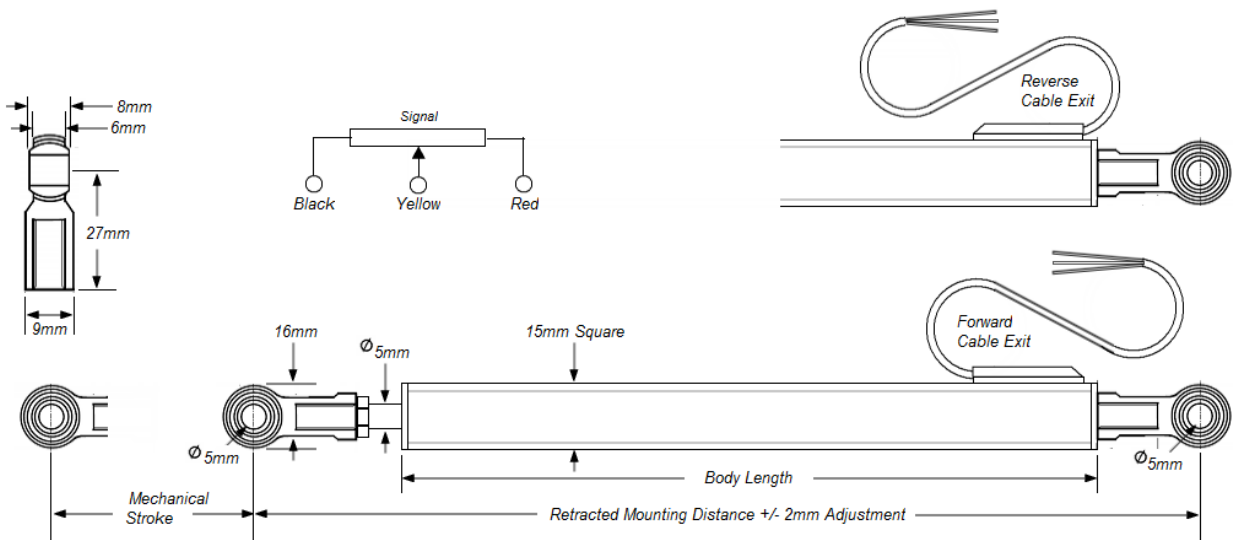


The MS-15 series of Linear Potentiometers are designed to withstand the harsh environment of Industrial and Motorsport applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.

MS-15M-

Standard Type

Active Electrical Stroke (mm)	25	50	75	100	150	200	250	300
Retracted Mounting Distance (mm)*	173	198	223	248	298	348	398	448
Mechanical Stroke (mm)*	27	52	77	102	152	202	252	302
Body Length	107	132	157	182	232	282	332	382
Weight Without Cable (g)	97	101	104	109	116	123	130	137
Resistance (KOHms +/-20%)	1.7	3.4	5	6.7	10	13.4	16.7	20



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% (Option to +/- 0.1%)
Cable Type*	3 Wire Raychem 55A, 24 AWG, FDR 25 Jacket
Cable Length*	500mm
Track Technology	Conductive Plastic
Housing Material	Aluminium
Shaft Material	Stainless Steel
Operating Temperature	-40 to +150°C
Sealing	IP54 (Light Duty O Ring) ; IP65 (Dual O Ring) ; IP67 (PTFE U Spring + O Ring)

Ordering Information:

MS-15M – Range (mm) – Seal (IP54/65/67) – Cable Exit Direction (R/F)

e.g : **MS-15M – 150 – 67 – R**

150mm range – IP67 Seal – Reverse Cable Exit

* Custom Options Available on Request include...

Dual Output
Flange Mount
Body Mount
Return Spring
Custom Stroke Length
Custom Retracted Length
Best Linearity
Heavy Duty Rod End Bearings
Cable Length & Type
Housing Colour
Fitted Connector
Calibration Sheet



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