

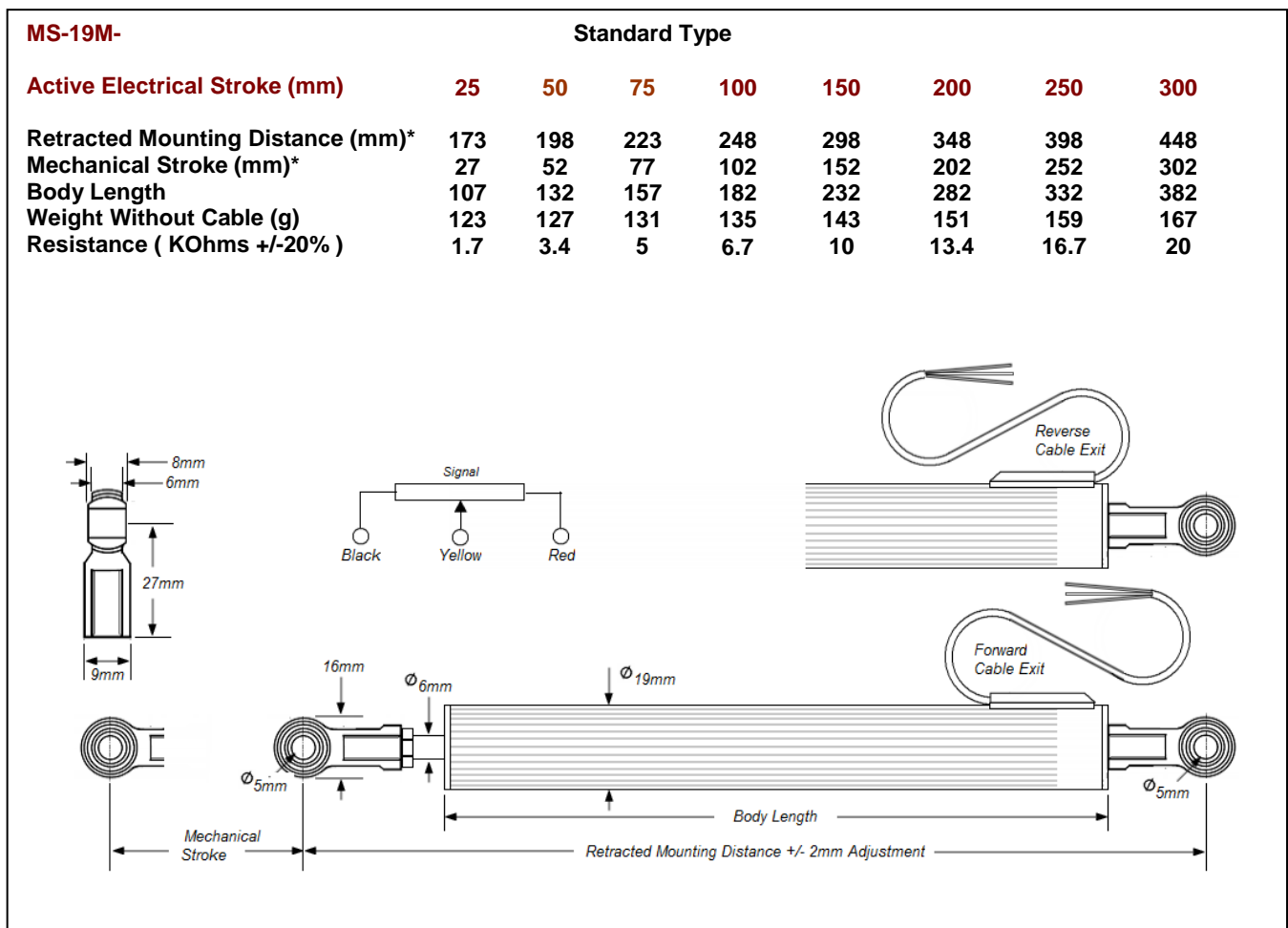
MS-19 series - Heavy Duty Linear Potentiometers

Manufactured in UK



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

The MS-19 series of Linear Potentiometers are designed to withstand the harsh environment of Industrial applications. Using proven 'conductive plastic' technology, the sensors offer high performance and reliability.



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:

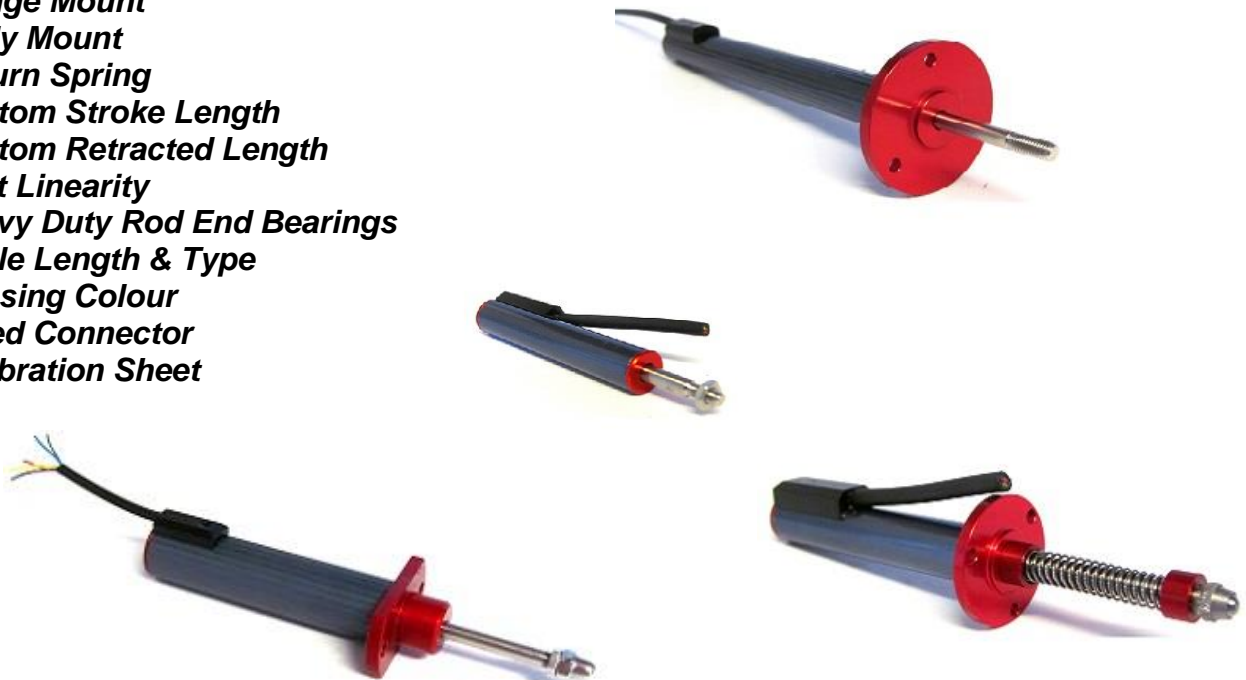
MS-19M – Range (mm) – Seal (IP54/65/67) – Cable Exit Direction (R/F)

e.g : **MS-19M – 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



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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