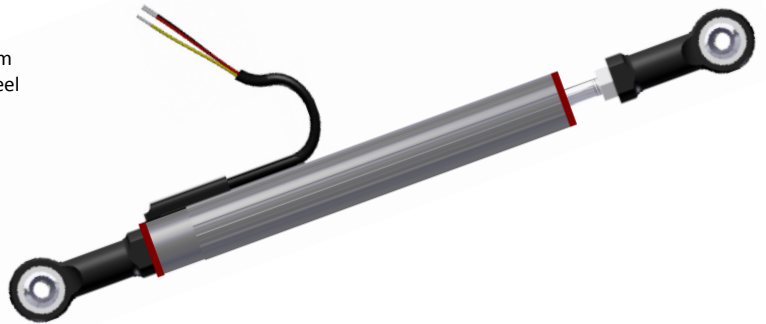


Linear Potentiometers MS 13 – Active Electrical Stroke of 200 mm

The MS-13 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.

Specifications:

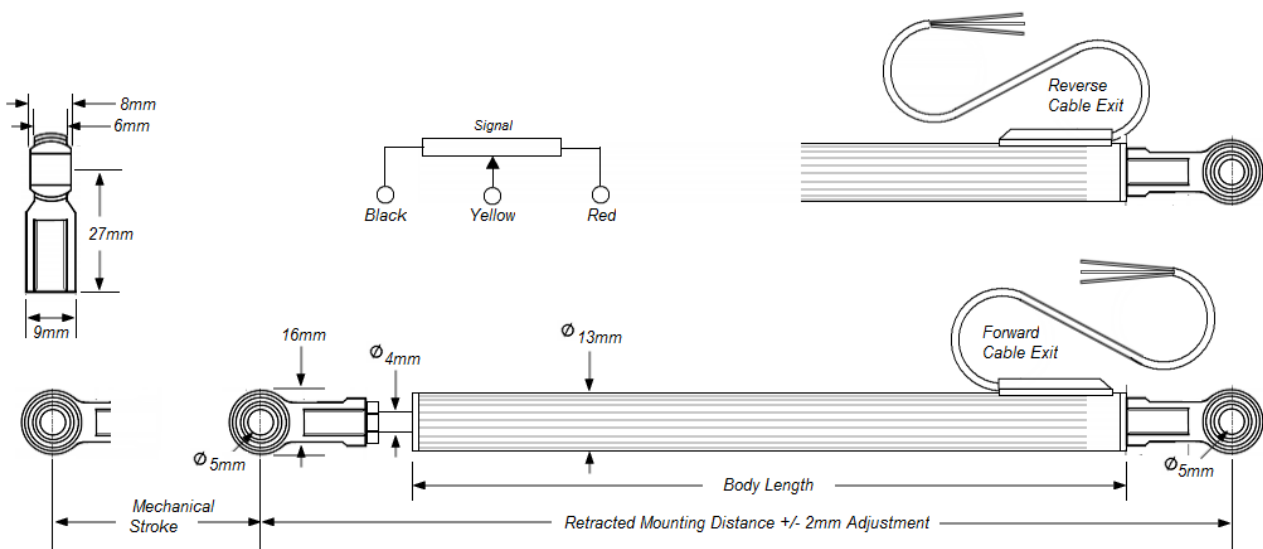
Maximum Supply Voltage	40 VDC
Resolution	Essentially Infinite
Material	Housing Material - Aluminium Shaft Material – Stainless Steel
Repeatability	≤ 0,01mm
Operational Speed	10 M/s max
Mechanical Life	> 25 Million Cycles
Recommended Wiper Current	< 10 µA
Independent Linearity	≤ +/- 0,5 %
Cable Type	3 Wire Raychem 55A
Cable Length	500 mm
Track Technology	Conductive Plastic
Operating Temperature	-40° to + 150° C
Sealing Option	IP54, IP65, IP67



MS 13-M Standard Type

Active Electrical Stroke (mm)	25	50	75	100	125	150	175	200
Retracted Mounting Distance (mm)*	173	198	223	248	273	298	323	348
Mechanical Stroke (mm)*	27	52	77	102	127	152	177	202
Body Length	107	132	157	182	207	232	257	282
Weight (g)	53	58	63	68	73	78	83	88
Resistance (KOHms +/-20%)	1,7	3,4	5	6,7	8,4	10	11,7	13,4

* : Custom options available on request

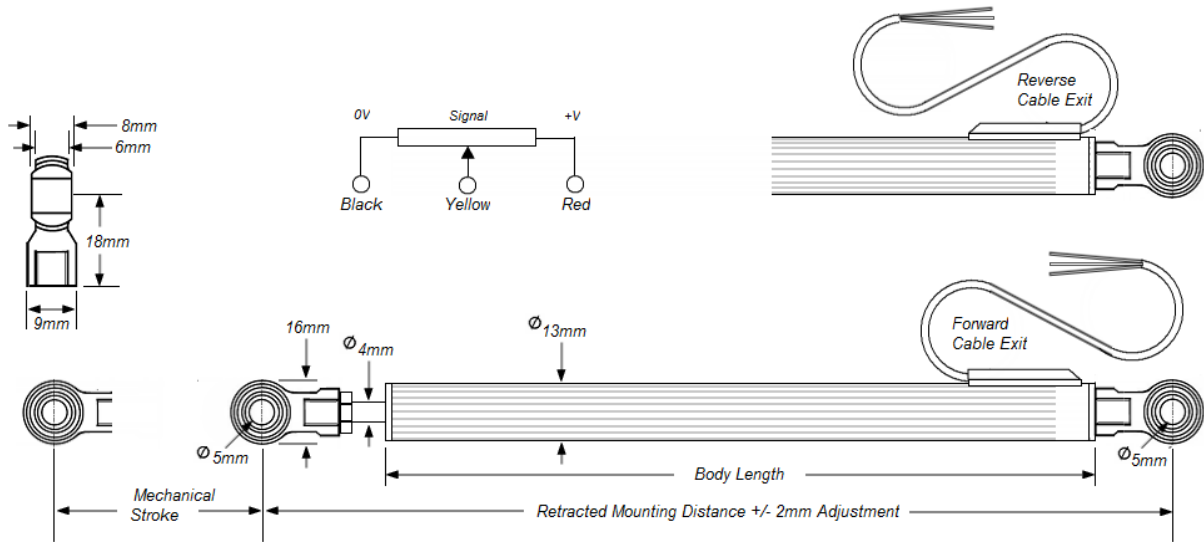


Tel : +33 (0)3 88 02 09 02 / Fax : +33 (0)3 88 02 09 03 / E-mail : info@ak-industries.com / Web : <http://www.ak-industries.com>

MS 13-C Compact Type

Active Electrical Stroke (mm)	25	50	75	100	125	150	175
Retracted Mounting Distance (mm)*	142	167	192	217	242	267	323
Mechanical Stroke (mm)*	27	52	77	102	127	152	177
Body Length	97	122	147	172	197	222	247
Weight Without Cable (g)	43	48	53	58	63	68	73
Resistance (KOHms +/-20%)	1,7	3,4	5	6,7	8,4	10	11,7

* : Custom options available on request



Ordering reference:

Type	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MS 13-M = Standard				
MS 13-C = Compact				
Measurement range	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0 to 200mm (Other ranges available on demand)				
Seal	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
IP67				
IP65				
IP54				
Cable exit direction	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
F = Forward				
R = Reverse				

Reference example: MS13-C-150-IP67-F

MS 13 Compact - 150mm Range – IP67 Seal – Forward Cable Exit



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