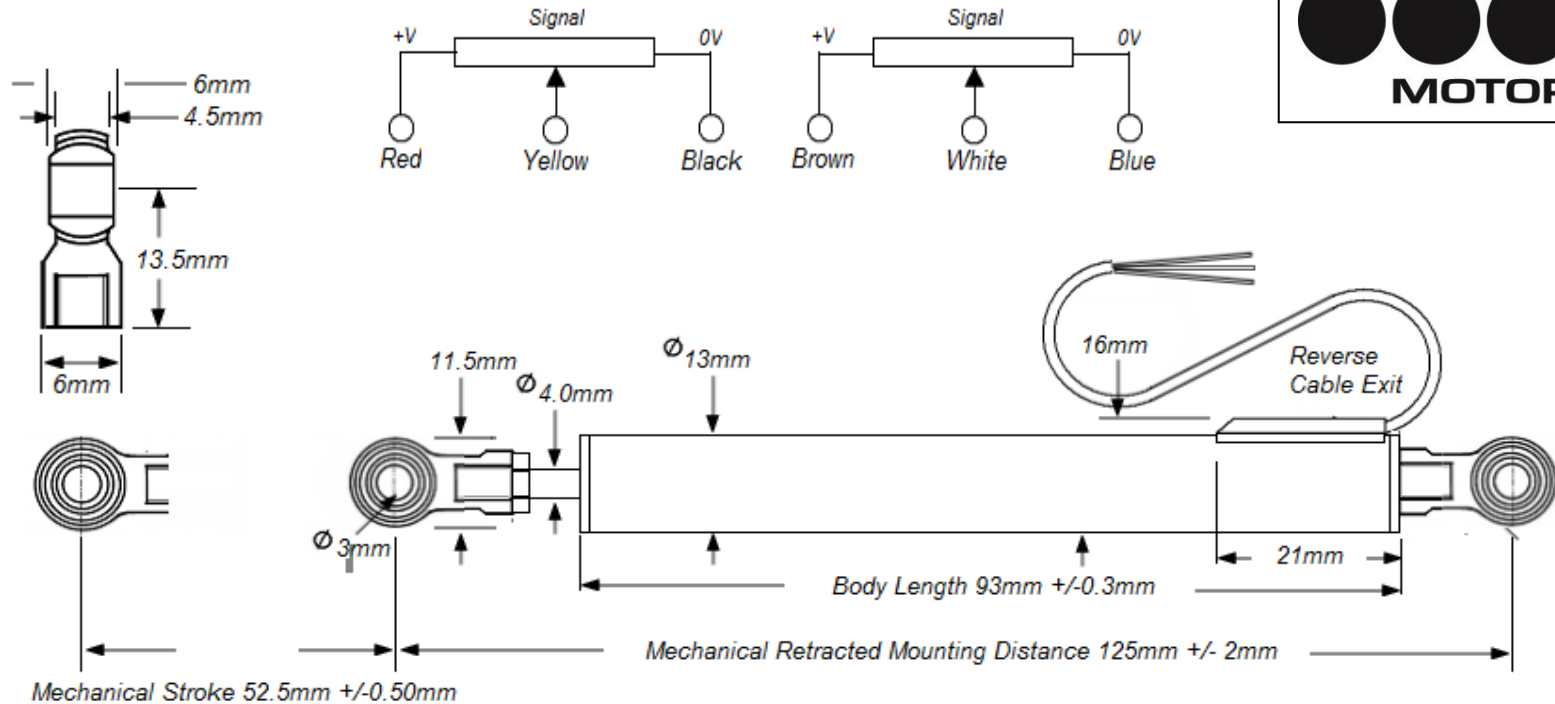


DO NOT SCALE

Connection & Output Details



Specifications:

Mechanical

Nominal Mechanical Over Travel: Electrical Stroke +0.5mm retracted, +1.5mm extended
 Housing Material: Aluminium
 Shaft Material: Stainless Steel
 Rod End Bearings: Aluminium Housing, Stainless Steel Bearing
 Environmental Rating: IP65
 Sealing Detail: Viton O Ring, Felt
 Temperature Rating: -20 to +150 degree C
 Approx. Weight (without cable): 50g

Electrical

Active Electrical Stroke: 2 x 51mm +/- 0.3mm
 Maximum Supply Voltage: 40VDC
 Track Type: Conductive Plastic
 Nominal Gain @ 5VDC: 10.2VDC / mm
 Nominal Output at mid stroke: 2.5VDC
 Independent Linearity: < +/- 0.5%
 Cable Type: 7 core 26AWG 55M, Sleeve TPV
 Cable Length: approx 500mm

Notes:

Displacement signal may be reversed by swapping connections to the Red & Black and/or Brown & Blue wires. DO NOT connect +V supply to the Yellow or White signal wires, as this will damage the sensor elements..

Tolerances: 0 Decimal Place **+/- 0.20 mm**
 1 Decimal Place **+/- 0.10 mm**

Unless Otherwise Stated

	All Dimensions In mm Unless Stated Otherwise				Material:	TITLE: MS-13 Series 50mm-Dual Track Compact
					Date: 20/01/16	
		Issue	Date	Modification	Drawn: PJD	