



LINEAR POSITION TRANSDUCER EMLS AUTOSPORT

Main Features

- Excellent linearity
- Sealed to IP67
- Temperature range up to -175°C
- Raychem cable
- Elastomer damped wipers
- Long life expectancy

Mechanical life	> 25 million
Operational speed	10 m/s
Environmental sealing	IP67
Temperature range	-30°C - to 150°C continuous, 175°C short term
Independent linearity	+/-0.5%
Recommended wiper current	< 10µA
Power rating	0.2W @ 40°C
Cable type	24 AWG Raychem 55M wire, with VITON sleeve
Cable length	500mm
Mechanical stroke	= Electrical stroke
Track type	Conductive plastic

Characteristics

EMLS	EMLS 12.5	EMLS 25	EMLS 50	EMLS 75	EMLS 100	EMLS 125	EMLS 150
Electrical stroke	12.5mm	25.0mm	50.0mm	75.0mm	100.0mm	125.0mm	150.0mm
Bodylength	62.5mm	75mm	100mm	125mm	153mm	178mm	203mm
Resistance +/- 20 %	1.25K	2.5K	5.0K	7.5K	6.5K	8K	10.0K
Retracted mounting distance	82.5mm	95mm	120mm	145mm	178mm	203mm	228mm
Weight (grams)	24	26	29	33	37	43	46

*Alternative Mounting Distances Available

