# MLA8 Series

# **Gage Actuator**

The MLA is an electric gage actuator that provides programmable, precision measurement. It achieves consistent measurement replications and improve your process by reducing gage repeatability and reproducibility (R&R) variation. Repeatable & linearity of force no matter where it is operating in the stroke unlike LVDTs that utilize pneumatics or springs. It achieves smooth and consistent low friction over the entire stroke. The MLA has an internal precision linear guide as well as added side-loading support on the shaft. It can handle higher side-loads than most LVDTs.

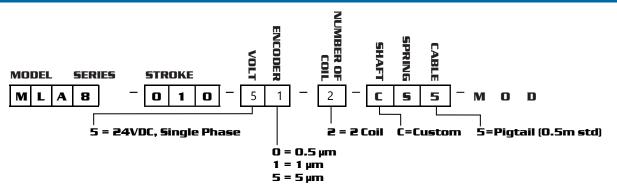
## **MLA8** Series

Dimensions [mm]95x50x8 (10mm stroke)Stroke [mm]10 (1/-0 mm)Peak Force [N]4Encoder Resolution [µm]1 standard, 0.5 and 0.1 optionalTotal Mass [kg]0.17IP ProtectionIP54

- Far better Gage R&R (Repeatability and Reproducibility).
- All electric solution.
- "Soft-Land" to find a surface, trace the surface, and feedback data in real time.
- High side-load bearing capacity.
- More cost effective than most LVDTs.



### PART NUMBERING



SPECIFICATION					
Model	Size: LxWxH [mm]	Stroke [mm]	Peak Force [N]	Moving Mass [kg]	Weight [kg]
MLA8-010-51-2	95x50x8	10	4	0.025	0.17

#### DIMENSIONS (MLA8-010-51-2 model)

