

Low-profile long stroke hand with length measuring function

LSTM-HP2 Series

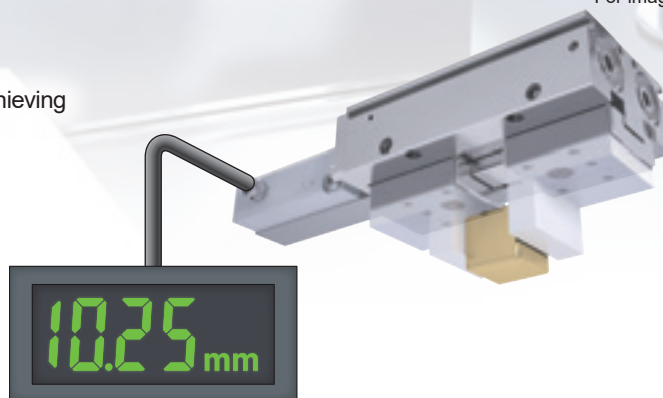
High precision

Repeatability ± 0.04 mm

Linearity F.S. $\pm 0.5\%$

A new sensor system is adopted and integrated, achieving higher repeatability and linearity than ever before.

For image purposes.



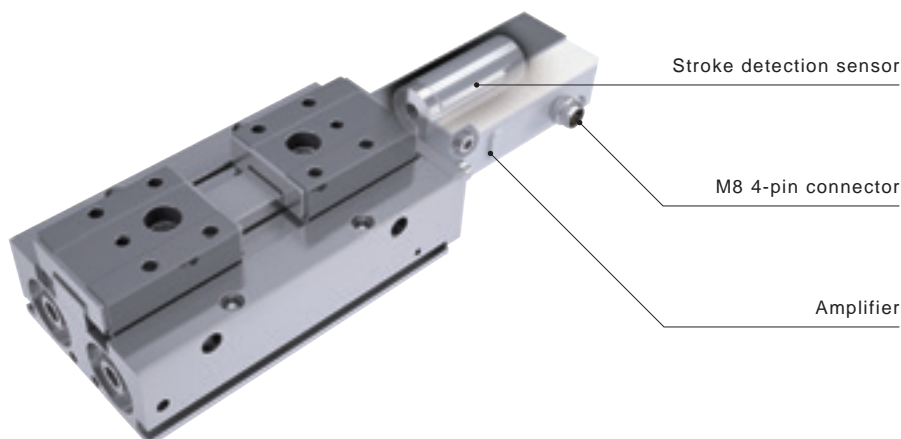
Integrated structure

Industry's
1st

Adopts an LVDT* sensor highly resistant to vibration and impact.

A displacement sensor is built into the body, achieving a high-precision integrated structure.

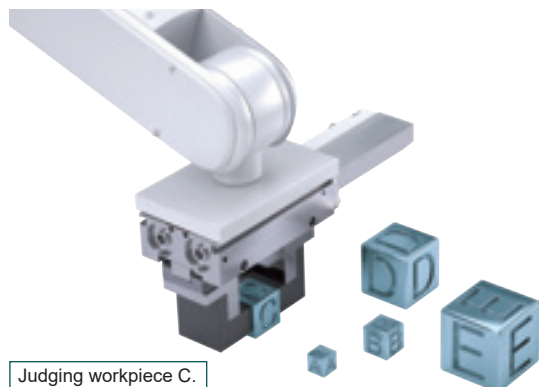
* LVDT is short for Linear Variable Differential Transformer, a sensor that converts mechanical displacement into electric signals for output.



Case Study

Workpiece model judgment

Capable of instantaneously judging minute differences in workpiece models.



Predictive maintenance

Monitors abnormal wear and deformation of gripping fingers and jigs through changes in output to prevent equipment and robot damage.

