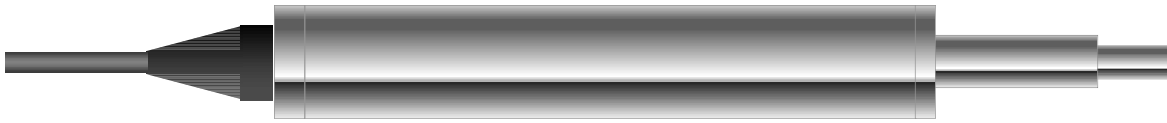


Precision Gauging Displacement Transducers (AC LVDT based)

Series-xxxA



AG Measurematics is India's largest manufacturer of LVDTs. AGMPL design engineers have been continuously improving both the design and manufacturing techniques and this series of LVDTs is a result of this effort.

These gauging transducers are used for accurate dimensional gauging applications. Many users have replaced dial gauges with these precision transducers.

The tip pushes outwards under the influence of an internal spring.

AGMPL manufactures body clamps for fixing the LVDTs and ball bearing tips for applications which require sensing of rotating objects.

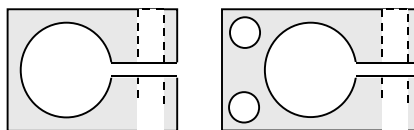
SPECIFICATIONS

Model	001AG	002AG	005AG	010AG
Measuring Stroke (mm)	1.0	2.0	5.0	10.0
Over-travel (mm)	1.25	2.50	6.0	12.0
Linearity (% of measuring stroke)	0.3	0.3	0.3	0.4
Repeatability (mm)	0.001	0.002	0.002	0.005
Body Length (mm)	65	87	117	155
Sensitivity at 2 kHz (mv/v/mm)	40	20	8	4
Excitation voltage (volt rms)	1 to 10	1 to 10	1 to 10	1 to 10
Excitation Frequency (kHz)	1 to 5	1 to 5	1 to 5	1 to 5

Options (At Extra cost)

- Extension core rod
- Extra long cable

Accessories (at extra cost)



ACCESSORIES

LVDT Body Clamps

These body clamps are made of reinforced fibre-Bakelite and provide an excellent solution for LVDT installation. Except for 005AS and 010AS models all LVDTs require two body clamps each. Note:-All models up to ± 75 mm fsr are available with spring loaded core rods also.



Tips for fitment to core rod for

- Hardened Ball Tip
- Ball Bearing Tip

RELATED ELECTRONICS

- AC301**(c-1) Signal Conditioner Card
- AC302**(c-1) Signal Conditioner Card with 4...20mA Output
- AI302**(c-1) Mains operated signal conditioner box with 4-20 mA output.
- AI340**(c-1) High Resolution 4½ Digit Indicator.
- AI350**(i-1) 3½ Digit Display Indicator
- AI372**(i-4) Micro Controller Based LVDT Indicator with RS232 output.
- AI731**(i-9) Microprocessor Based 16 x 2 character LCD display. Three Channel with RS232 Interface, computer Linkup and two set point
- LD612**(i-5) Load Displacement indicator for material testing

*When supplied with any of our electronics these LVDTs can be used for twice their specified range. Ex 025AS can be used for 0-50 mm range.



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Due to continuous product development specifications are subject to change without notice.