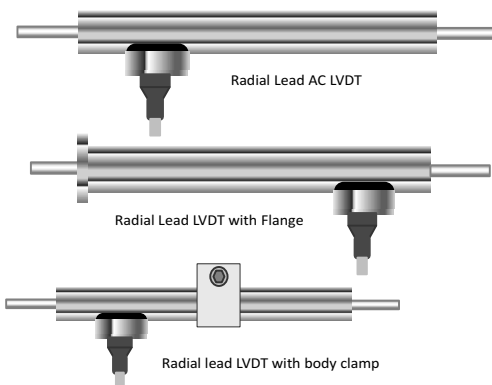


Radial Lead Standard AC LVDT

Model -xxxASR



FEATURES

- Robust transducers
- Infinite resolution, no hysteresis
- Excellent repeatability
- Excitation and signal processing by external

The ASR series of AC LVDTs are economically priced displacement transducers and are similar to AC LVDTs. Teflon guide bush is provided on both the sides. The ASR series LVDTs are preferred where motion of the core rod is required to be very smooth and with minimum play.

They can be used with many different types of signal conditioners of different types, making when very popular with many OEMs. Each transducer is supplied with its factory calibration data.

AGMPL engineers work with customers to develop new models or modify existing ones to suit specific applications.

AGMPL manufactures LVDT electronics in many variations to provide analogue output (voltage or 4 to 20 mA), Digit Display, position control and/or computerized measurement.

TECHNICAL SPECIFICATION

Model	005 ASR	010 ASR	025 ASR	050 ASR	100 ASR	150 ASR	250 ASR	300 ASR
Full Stroke Range (mm)	±5	±10	±25	±50	±100	±150	±250	
Body Length (mm)	84	116	218	327	467	494	1109	
Mech. stroke (mm)	27	35	72	119	219	345	543	
Sensitivity (mv/v/mm)	40	26	13	5	3.5	2	1.25	
Non-linearity error % FSR, ±	0.3	0.3	0.4	0.5	0.5	0.7	1.0	

Housing dia 22 mm
Core-rod dia 6 mm
Termination 4-core, screened, PVC insulated cable; 3 meter, (6-core termination is also available)
(Longer cable can also be supplied at extra cost)

Winding Configuration LVDT
Excitation 1 to 10 V rms, 2 khz
Temperature range Up to 60 deg C
Temp. Coeff. (% FSR) Zero: <0.01 % per deg C
Sensitivity: <0.025 % per deg C

ACCESSORIES

LVDT Body Clamps

These Body clamps are made of reinforced fibre-Bakelite and provide excellent solution for LVDT installation. Except for 005AS and 010AS models all LVDT's require two body clamps each. Note:-All models up to ±75mm 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 use for 0-50 mm range.



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