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so your equipment works exactly as you specify.

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Find the *OMEGA LDX-3A* at our website: *Click HERE*

AC-POWERED SIGNAL CONDITIONERS FOR AC LVDTs PROVIDE TRANSDUCER EXCITATION AND DC VOLTAGE OR CURRENT OUTPUT



DP25B-E meter.

LDX-3A, shown smaller than actual size.





LD320 sensor.

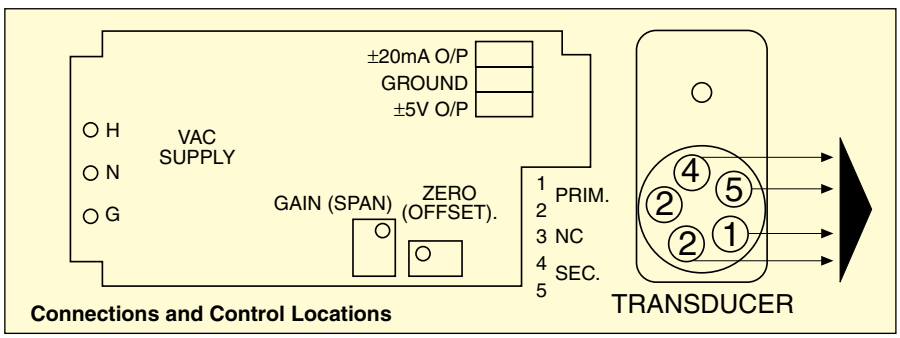
LDX-3A

1 YEAR WARRANTY

- **Works Well with LD200 and LD300 Series Transducers**
- **Oscillator/Demodulator Provides 0.05% FS Linearity**
- **Selectable Outputs of ±5 V or ±20 mA**
- **Interfaces with Standard Laboratory Instruments**
- **Adjustable Zero, Span, and Phase Controls**
- **Rugged Metal Case**
- **Transducer Drive: 3 Vrms, Selectable at 2.5 or 5 kHz**

The LDX-3A is a compact oscillator/demodulator unit with adjustable span, zero, and phase controls for use with any OMEGA® (as well as most other manufacturers') AC LVDT transducers. The device is housed in a die-cast aluminum box that provides a high degree of mechanical and environmental protection. The LDX-3A incorporates its own regulation for operation from AC power of 120V. A 2.7 m (9') power cable is standard.

The unit can drive outputs of 0 to ±5 V into 10 kΩ, or ±20 mA into 100 Ω max. This, together with a 10:1 range of span controls, makes the LDX-3A a versatile single-channel conditioner for a wide range of transducers.



Connections and Control Locations

SPECIFICATIONS

MECHANICAL

Weight: 400 g (14 oz)
Mounting: 2 fixing straps and screws
Accessories: Connector and mounting hardware included
Dimensions: 130 H x 96 W x 35 mm D (5.1 x 3.8 x 1.4")

ELECTRICAL

Power Supply: 120/250 Vac, 50 to 60 Hz
Transducer Drive: 3 Vrms at 2.5 or 5 kHz @ 20 mA
Loading: 4 W max
Fuse Rating: 63 mA slow blow
Oscillator Protection: Open and short circuit protected
Range of Zero Control: 0 to 100% adjustable
Output Voltage: ±5 V into 10 kΩ min
Output Current: ±20 mA into 100 Ω max
Output Protection: Open and short circuit protected
Output Ripple: 10 mV p-p at 10 kHz
Output Filter: Second-order low pass at 250 Hz or 110 Hz
Linearity: 0.05% FS
Temp Range: 0 to 60°C (32 to 140°F)
Temp Coefficient:
Zero: 0.02% FS/°C (0.011% FS/°F)
Span: 0.02%FS/°C (0.011% FS/°F)
Terminations: 5-pin DIN connector

To Order *Visit omega.com/ldx-3 for Pricing and Details*

MODEL NO.	DESCRIPTION
LDX-3A	AC-powered signal conditioner for AC LVDTs

Comes complete with power cord and operator's manual.
***Ordering Example: LDX-3A,** signal conditioner.*

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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