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

LDX-3A

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.

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.