



"One Module" 2 SPEED, 20 BIT TRACKING SYNCHRO/RESOLVER TO DIGITAL CONVERTER

FEATURES

- Complete System in ONE Module
- No -15V Required
- Non-Binary Speed Ratios Accommodated
- 400-Hz Operation with Input/Reference Transformer Isolation
- 20-Bit Output, DTL/TTL Compatible
- Accuracy .001°
- Insensitive to Line Variations
- Hi-Rel (MIL 883) Available

DESCRIPTION

The Model 2SD412 is a complete two speed Synchro to Digital Converter packaged in ONE encapsulated module (2.6" x 3.6" x .82") with internal Input/Reference TRANSFORMER isolation provided.

The converter maintains high accuracy for input speed of up to 15 rpm referred to X1 input. The conversion technique uses a self-nulling "Type II Servo Controller". Almost any speed ratio can be accommodated in one module (e.g., 1 x 36 or 1 x 16, etc.).



