



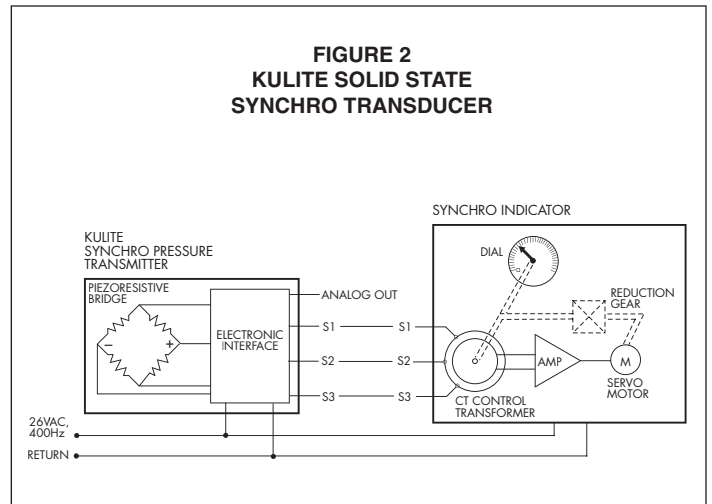
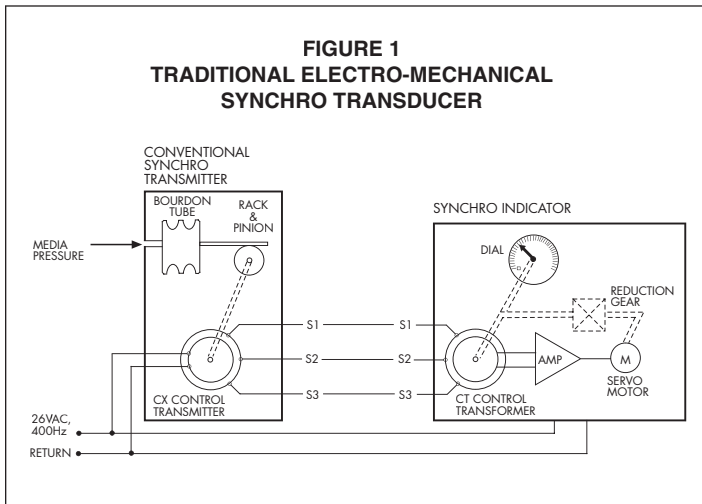
SYNCHRO TYPE IS® PRESSURE TRANSDUCER

APTE-4-2250-XXX SERIES

- Solid State Patented Silicon Technology
- Drop-in Replacement, Compatible With Many Synchro Indicators
- No Moving Parts
- Lower Cost Than Mechanical Counterparts
- Better Accuracy and Better Stability Than Mechanical Counterparts
- No Friction or Position Errors
- Withstands High Vibration and Shock Levels
- Acceleration and Vibration Insensitive
- High Reliability, High MTBF
- Hermetically Sealed and EMI Protected
- Flight Certified and Used on DC-9, MD-80 Series Aircraft (PMA)



This transducer is a drop-in replacement for older type electromechanical synchro transducers (transmitters). It incorporates the Kulite patented Silicon on Insulator (SOI) piezoresistive sensors and custom electronics to produce a transducer Fit, Form and Function equivalent to the older parts, but with significant improvements versus the electromechanical devices.



Pressure Range	2 to 10,000 PSI
Pressure Operational Mode	Absolute, Gage, Differential
Proof Pressure	Two Times Full Scale Pressure (Typ.)
Burst Pressure	Three Times Full Scale Pressure (Typ.)
Electrical Configuration	Synchro + Analog Output
Rated Electrical Excitation	26VAC, 400Hz
Current Consumption	110mA Transmitter + Indicator (Typ.)
Dial Angular Range	330° (Max.)
Accuracy	4% FS
Hysteresis (Dead Band)	0.1% FS
Operating Temperature Range	-55°C to +95°C (-67°F to +203°F)
Altitude	Any
Humidity	100%

Note: Custom pressure ranges, accuracies and mechanical configurations available.
Continuous development and refinement of our products may result in specification changes without notice.