

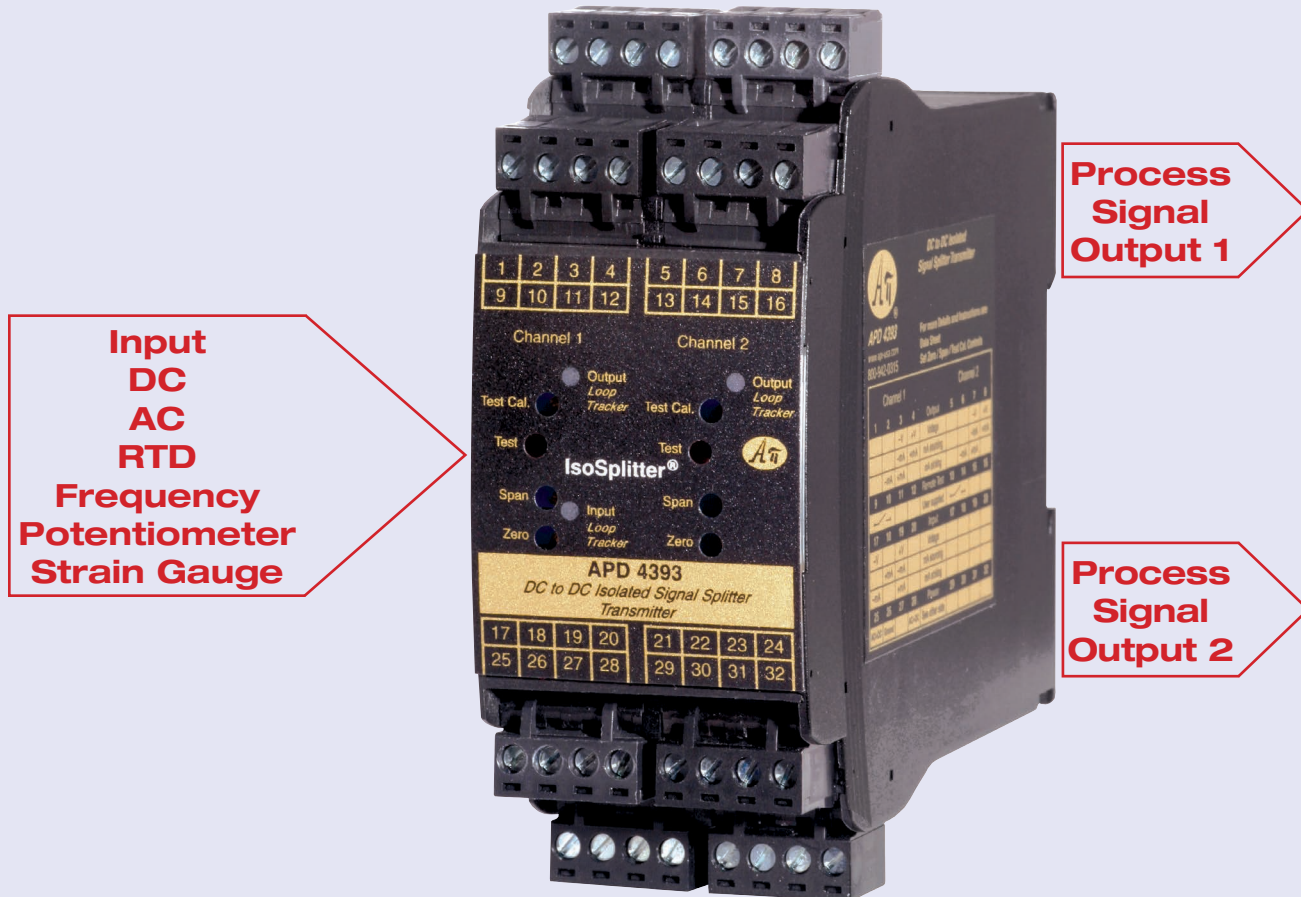
# IsoSplitter® Signal Isolators and Splitters



American Owned  
 American Engineered  
 American Built  
 American Pride



## Split One Process Signal Into Two



## We Make Signal Conditioning Easier!

- Natural gas distribution: Split signals for separate alarming and monitoring functions
- Furnace SCR control: Split temperature controller 4-20 mA output to increase current drive capability to fire banks of SCRs
- Plastics extruder: Split temperature transmitter signal so temperature recorder operates independently from the DCS system
- Pharmaceutical manufacturer: Split process control signals so they can be recorder to maintain FDA validation
- Foam insulation panels: Split flow meter signal to chart recorder for documentation and to PLC for control

**Analog Signal Conversion is Our Business! Since 1988**

Local support by:

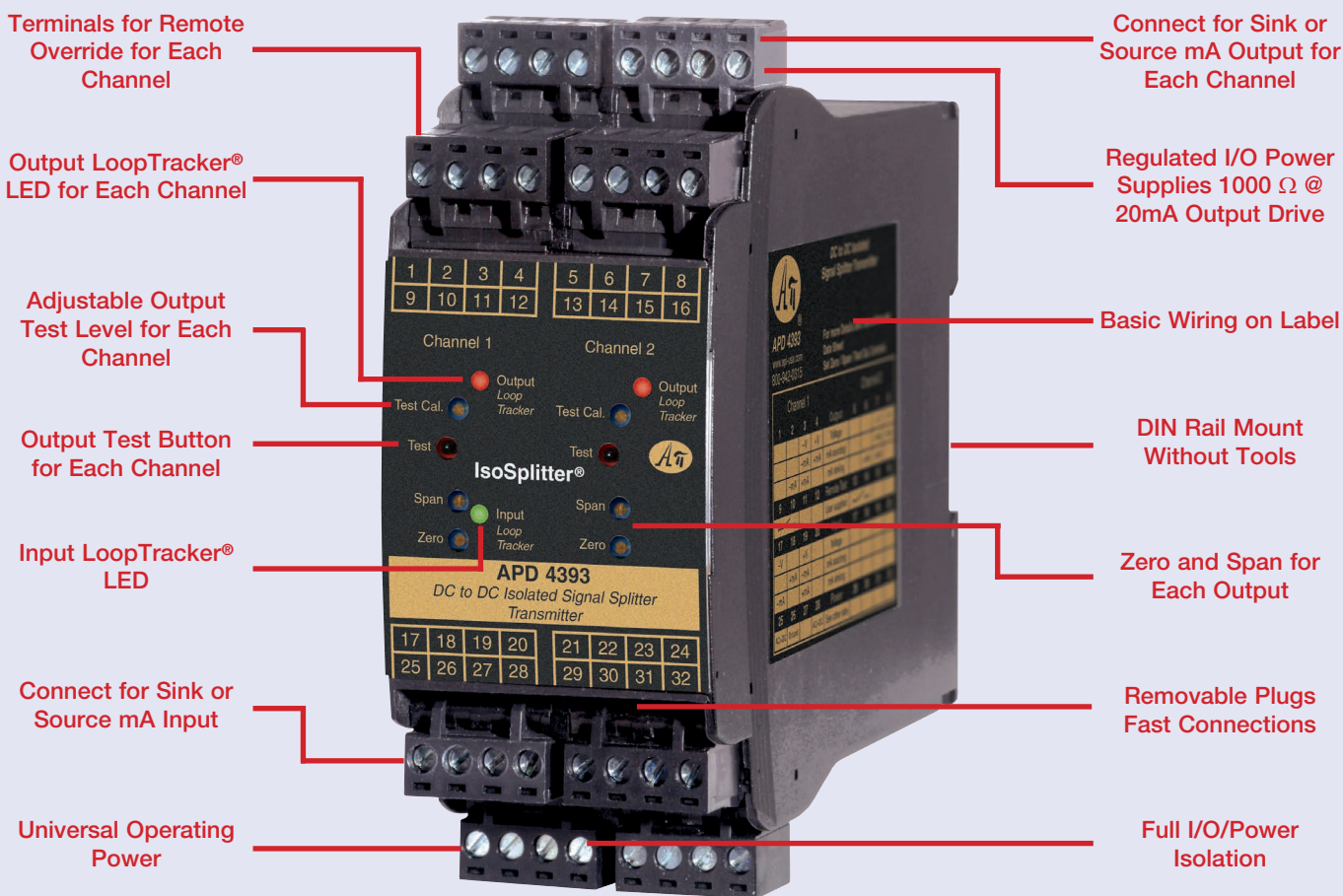
# IsoSplitter® Signal Isolators and Splitters



Model	Input	Function	Output Type	Input/Output Setting
APD 1393	RTD or thermistor	Split and fully isolate one signal and convert it into two independent process signals	DC process signal, 2 independent channels 0-1 V to 0-10 V, ±1 V to ±10 V, 0-1 mA to 20 mA, 4-20 mA	Factory ranged 1 input 2 independent outputs
APD 3393	0-100 Ω to 0-1 MΩ potentiometer			
APD 4393	DC voltage or mA			
APD 5393	Strain gauge/bridge/load cell			
APD 6393	AC voltage or mA (true RMS)			
APD 7393	Frequency: 0-25 Hz to 0-20 kHz			

[api-usa.com/isosplitter](http://api-usa.com/isosplitter)

## UNIQUE FEATURES



### LIFETIME WARRANTY AND FREE TECH SUPPORT

DC, AC, Temperature, Frequency, Potentiometer, Strain Gauge, Valve Position  
Convert - Rescale - Isolate - Split - Transmit - Alarm