IsoSplitter® Signal Isolators and Splitters

Split One Process Signal Into Two

Input
DC
AC
RTD
Frequency
Potentiometer
Strain Gauge

Process Signal Output 1

Process Signal Output 2

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Function</th>
<th>Output Type</th>
<th>Input/Output Setting</th>
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</thead>
<tbody>
<tr>
<td>APD 1393</td>
<td>RTD or thermistor</td>
<td>Split and fully isolate one signal and convert it into two independent process signals</td>
<td>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</td>
<td>Factory ranged 1 input 2 independent outputs</td>
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<tr>
<td>APD 3393</td>
<td>0-100 Ω to 0-1 MΩ potentiometer</td>
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<tr>
<td>APD 4393</td>
<td>DC voltage or mA</td>
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<td>APD 5393</td>
<td>Strain gauge/bridge/load cell</td>
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<tr>
<td>APD 6393</td>
<td>AC voltage or mA (true RMS)</td>
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<td>APD 7393</td>
<td>Frequency: 0-25 Hz to 0-20 kHz</td>
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**UNIQUE FEATURES**

- Terminals for Remote Override for Each Channel
- Output LoopTracker® LED for Each Channel
- Adjustable Output Test Level for Each Channel
- Output Test Button for Each Channel
- Input LoopTracker® LED
- Connect for Sink or Source mA Input
- Universal Operating Power
- Connect for Sink or Source mA Output for Each Channel
- Regulated I/O Power Supplies 1000 Ω @ 20mA Output Drive
- Basic Wiring on Label
- DIN Rail Mount Without Tools
- Zero and Span for Each Output
- Removable Plugs Fast Connections
- Full I/O/Power Isolation

**LIFETIME WARRANTY AND FREE TECH SUPPORT**

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

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