

Monitor high-speed strain gauge pressure sensors

APPLICATION A113

Type of Company: [Manufacturer—Tablet & Pill Presses](#)

Location: [Pennsylvania](#)

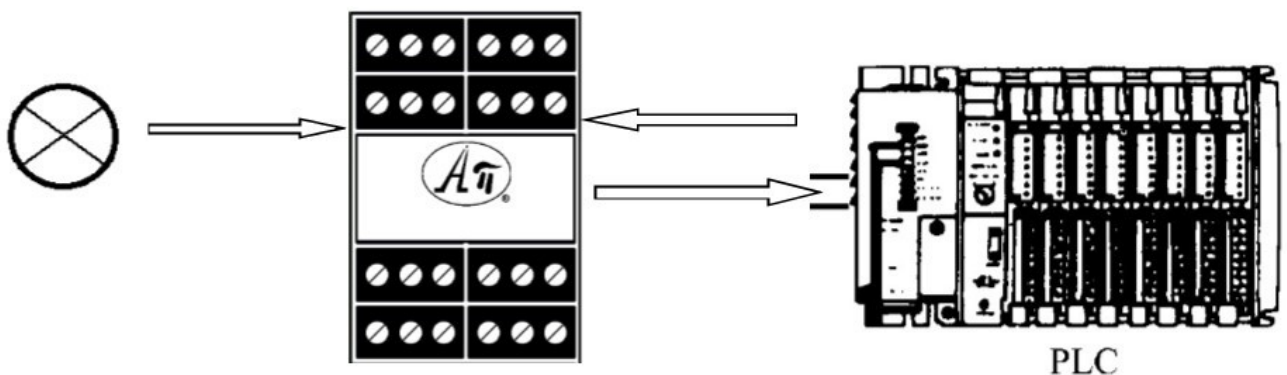
Blister packaging tooling machines, rotary tablet and pellet presses, and tablet press control systems are used in the pharmaceutical industry, industrial tooling industry (such as fireplace log manufacturers), and blister packaging for all sorts of products. These machines require signal conversion/isolation for specialized fast-responding strain gauge signals because the sensor signal conditioning must typically be accomplished via external signal conditioning.



Photo by Elizabeth-Hata International Inc

The Engineering Issue

- The engineer has a requirement to update the current signal conditioners, as the previous manufacturer is no longer in business. The updated signal conditioner needs to interface with the upgraded PLC and have faster response time.



The API engineering team worked with this pharmaceutical company to design and manufacture a custom-modified fast responding version of the APD series of strain gauge isolators for this OEM.

Problem. Solved.