



Two D2RF sensors and 2 diffuse M4 fiber cables verifying the correct orientation of a circuit board on a conveyor line. By positioning one fiber cable at the location of the notch and one placed slightly higher to detect the leading edge of the board, the amplifier can easily determine proper orientation of the boards.



Two D2RF sensors and 2 diffuse fiber cables with focusing lenses checking for missing or bent pins. The pin point beam is less than 1 mm in diameter making it easy to detect the small pins.

## Advanced Fiber Optic Sensors

### **D2RF Series:** High functionality dual digital display fiber amplifier

- The D2RF series fiber amplifier has several output configurations including 4-20ma. A current output is good for applications requiring measurement or web guiding. Each amplifier also has 2 digital outputs so that 2 independent threshold values can be set-up for judgment detection applications.
- The D2RF fiber amplifier provides remote teaching capability for quick product changeover
- Available in Red, Green, and IR LED versions
- The bright dual digital display shows threshold value as well as the current received light level for simple setup confirmation.
- The D2RF series incorporates an up/down counter great for parts counting.
- The built in Zone teaching function or window comparator mode is good for parts sorting when using array thru beam fiber.
- Available in IP66 version for placing in wet locations.
- Available with 2 meter potted cable and standard M8 4 pin quick disconnect requiring less parts to stock.
- There are many different fiber sensor head options enabling ideal fixturing of the sensor even in the most difficult space constraining applications.
- Also available in 8 turn manual adjust type as well as simple push button teach type.