OPTEX FA

Solutions Update

Two CD4-30 sensors are connected to 1 CD4A-N controller. The sensors are set-up to measure the thickness of the metal disk. The disk is positioned on a spindle and rotated. The Analog thickness data is taken out of the controller and stored in a PC.

The CD4-L25 transparent measurement version is looking at a very shiny mirrored glass surface. The CD4-L25 measures 2 locations on the plate and if the distance is out of tolerance the plate fails inspection.

A small amount of glue is evenly coated on a metal surface. The CD4 series is set to measure the thickness of the glue to verify even distribution on the metal part.

Laser Displacement Sensors

CD4 Series: **CCD based displacement laser sensor with high resolution and controller with color LCD display**

- The CD4 series has a very fast response time for speed criticial measurement applications.
- The controller has a user friendly interface with quick programming and set-up.
- The CD4-L Glass measurement version is perfect for high resolution applications measuring thickness or distance of glass or mirrored material.
- The CD4 Series accurately and reliably detects black and/or shiny surfaces.
- The Controller includes digital, analog, and serial outputs for flexible integration.
- The CD4 series is an ideal choice for tire measurement and detection applications.
- The robotic connection cable is great for applications that require movement of the sensor head.
- Two sensor heads can be connected to one controller and can easily be set-up to work independently or combined for thickness measurement applications.
- Both Class II and Class III lasers are available for use in a wide range of applications and environments.
- The controller has removable terminal blocks for easy replacement if the controller gets damaged.

Please logon to www.optex-ramco.com for more information.

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