

Optek OCB100-KIT Auto-Calibration Design Kit

The OCB100-KIT design kit provides engineers an opportunity to become familiar with the capabilities of a variety of basic optoelectronic sensor types: transmissive, reflective, and fluid. The kit includes an automatic calibration circuit card that interfaces with each sensor to make evaluation of the sensor much easier. In addition, the calibration PCB can be interfaced to almost any optoelectronic sensor via the onboard Molex 70553-0038 four pin header. The circuit provides automatic calibration and therefore provides an easy way to utilize the full range of production devices that may be provided on any type of sensor. The circuit allows the engineer to compensate for manufacturing variations, temperature changes, and device aging present in optoelectronic systems.

Market Segments

All market segments requiring non-contact sensing

- ✓ Office
- ✓ Medical
- ✓ Industrial
- ✓ Consumer

Applications

Any application where optoelectronic sensing is required

Features

- ✓ PC Board Calibration Circuit (OCB100CZ)
- ✓ Fluid Sensor (OPB350C125Z)
- ✓ Medium Range Reflective Sensor (OPB732CZ)
- ✓ Slotted Switch (OPB855CZ)



Competitors

- ✓ None

Optek Differentiating Features

- ✓ The OCB100-KIT features a driver board with three different optoelectronic sensors to enable design engineers to easily calibrate optoelectronic devices, provide a consistent output signal and shorten their design cycle.