



Photoelectric Distance Sensors Miniature distance sensors

Even though they are compact in size, Balluff's second generation of BOD 6K line of miniature sensors provide extensive capabilities in solving the toughest applications. The second generation offers longer range, better resolution, and higher repeatability.

Not only does the small size provide flexibility in installation, but set up is also easy with the simple pushbutton teach. All versions of the BOD 6K second generation sensors are now IP67, IP69, and Ecolab approved.

Built to Balluff's high standards, all sensors offer reverse polarity protection and short circuit protection. Balluff's attention to quality, superior sensor design, and performance means better reliability, less down time, and higher productivity.



Features

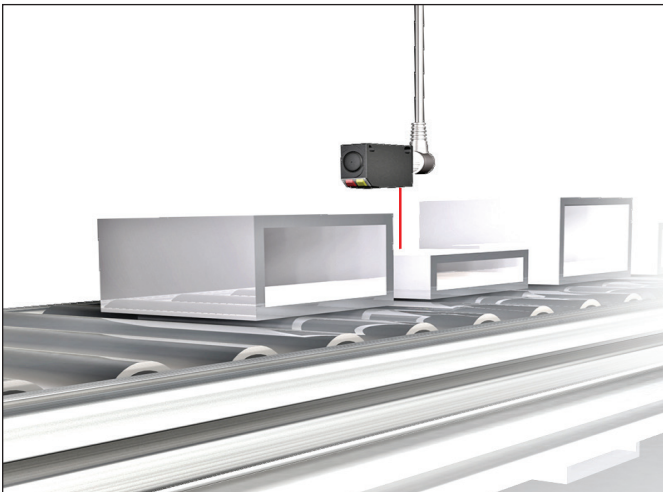
- Triangulation technology
- Miniature housing
- Precise and repeatable
- 200mm range
- Pushbutton teach

Benefits

- Miniature housing for mounting in space limited applications
- Reliable position detection independent of material or surface characteristics
- Flexible integration with invertible configurable outputs and easy configuration with pushbuttons
- Precise and dependable measurement with high repeatability and good resolution

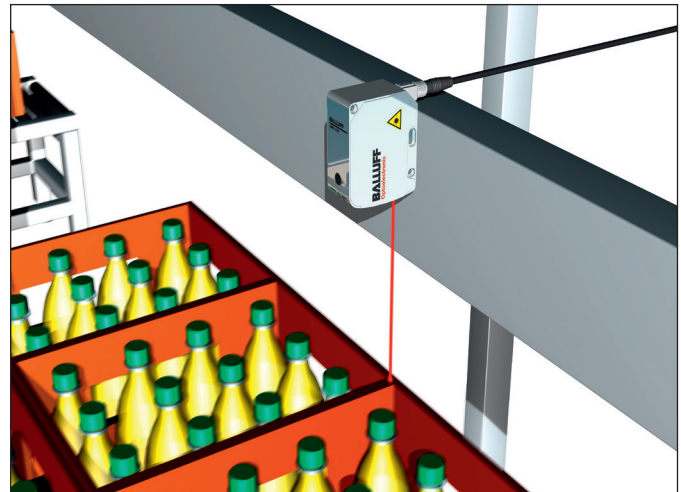
Advantages

- Higher resolution
- Red light for easy setup
- Scalable voltage analog output
- PNP/NPN, NO/NC discrete output with window function
- IP69K / ECOLAB certified



Applications

Robot positioning, Stack height measurement, Loop control, Contour verification, Product height confirmation, Positioning, Error proofing



Industries

Automotive, Packaging, Manufacturing, Food & Beverage, Pharmaceutical, Plastics & Rubber, Wood & Timber

Ordering Code	Part number	Description
BOD000H	BOD 6K-RA01-S75-C	Distance sensor, 80mm range, 0...10V, Discrete output, IP67, M8 4-pin
BOD001M	BOD 6K-RA02-02	Distance sensor, 80mm range, 0...10V, Discrete output, IP69K, Cable
BOD001L	BOD 6K-RA02-S75	Distance sensor, 80mm range, 0...10V, Discrete output, IP69K, M8 4-pin
BOD001T	BOD 6K-RA03-02	Distance sensor, 200mm range, 0...10V, Discrete output, IP69K, Cable
BOD001R	BOD 6K-RA03-S75	Distance sensor, 200mm range, 0...10V, Discrete output, IP69K, M8 4-pin