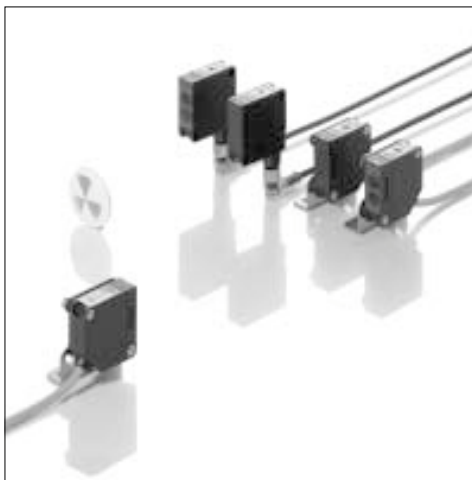


Block style sensors have the best optical performance. Likewise, complex signal processing (background suppression, relays, lasers) and ease of use (numerical indicator, rotatable connector) are best realized in block style sensors.

Series **BOS 25K** and **BOS 26K** are mechanically compatible. With BOS 25K the emphasis was placed on as many standard applications as possible (e. g. DC or AC/DC power options with relay output).

The **BOS 26K** sensors add additional features such as laser and red light as well as increased range and sensing distances. Mechanically the BOS 26K series offers advantages as well: rotatable connector, 4-turn pot with numerical indicator.

The **BOS 35K** series is tailor made for harsh ambient conditions (such as filling bottles and cans, the food industry, machine tool building). The sensor is fully potted, making it absolutely sealed, shock and vibration proof.



BOS 25K



BOS 26K



BOS 35K

Special functions like adjustable background suppression or relay output naturally require more space. That you can still have a handy, compact sensor is shown by the **BOS 25K**.

- Diffuse
- Diffuse with background suppression
- Retroreflective with polarizing filter
- Thru-beam

The complete series is available for DC (10...30 V) and AC/DC (15...275 V), with relay output. The DC version uses an M12 connector (cable versions upon request), the AC/DC version is only available with cable.

Features

- For DC supply 10...30 V DC with PNP output
- Universal model 15...264 V AC/DC with relay output
- Light-on/dark-on selectable
- Reception LED for the safe zone (green LED)
- Function display for the output (red LED)

- Thru-beam, retroreflective with polarizing filter and diffuse in the same housing
- Retroreflective with adjustable background suppression
- Impact resistant plastic housing
- Thru-beam version with test input and alarm output
- LED display visible from the front and top
- High immunity to ambient light and noise spikes

Applications

- Conveying
- Packaging
- Elevators
- Machine tools
- Gate controls
- Robots
- Small parts recognition
- Parts counting
- Assembly and handling automation

