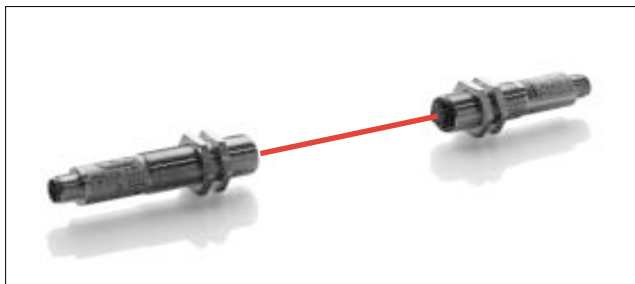


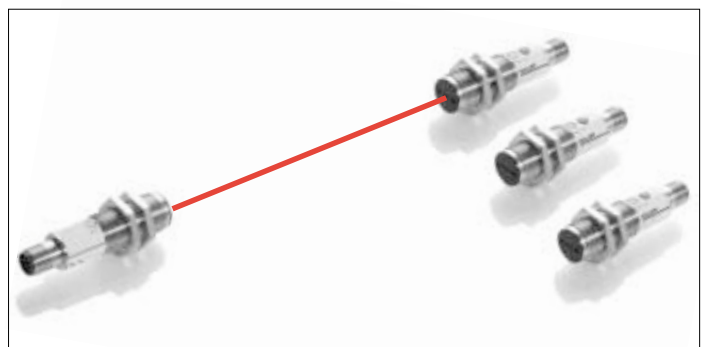
BOS 18E Stainless steel



BOS 18M Laser



BOS 18M Standard



BOS 18M Teach-in

The **BOS 18** series is the classic Balluff sensor and the standard in automation.

2.1

2.3

Accessories
Optosensors
page 2.3.2 ...

6

Connectors ...
page 6.2 ...



The **BOS 18M** series in metal housing (nickel plated brass) has established itself as the standard in automation. Long range and sensing distance as well as sophisticated technology (such as background suppression or laser light) are today the standard for this series. The addition of right angle versions makes them more versatile when installation depth is at a premium.

The new series with teach-in function makes it even easier to calibrate and provides more functions (button selection for N.O./N.C., dynamic teach-in, etc.)

Features

- Supply voltage 10...30 V DC, polarity reverse protected
- Outputs short protected
- Receive indicator for in-range and contamination (green LED) with teach-in switches
- Output function indicator (yellow LED)
- IP 67 protection
- Standardized (M18×1) metal housing (nickel plated brass)
- Built-in switching amplifier
- High resistance to ambient light and electrical noise
- Sensitivity setting using potentiometer or teach-in button

Applications

- Non-contact
- Packaging
- Parts counting
- Small parts recognition
- Assembly and handling automation
- Conveying
- Machine building

