

Precision Sensing

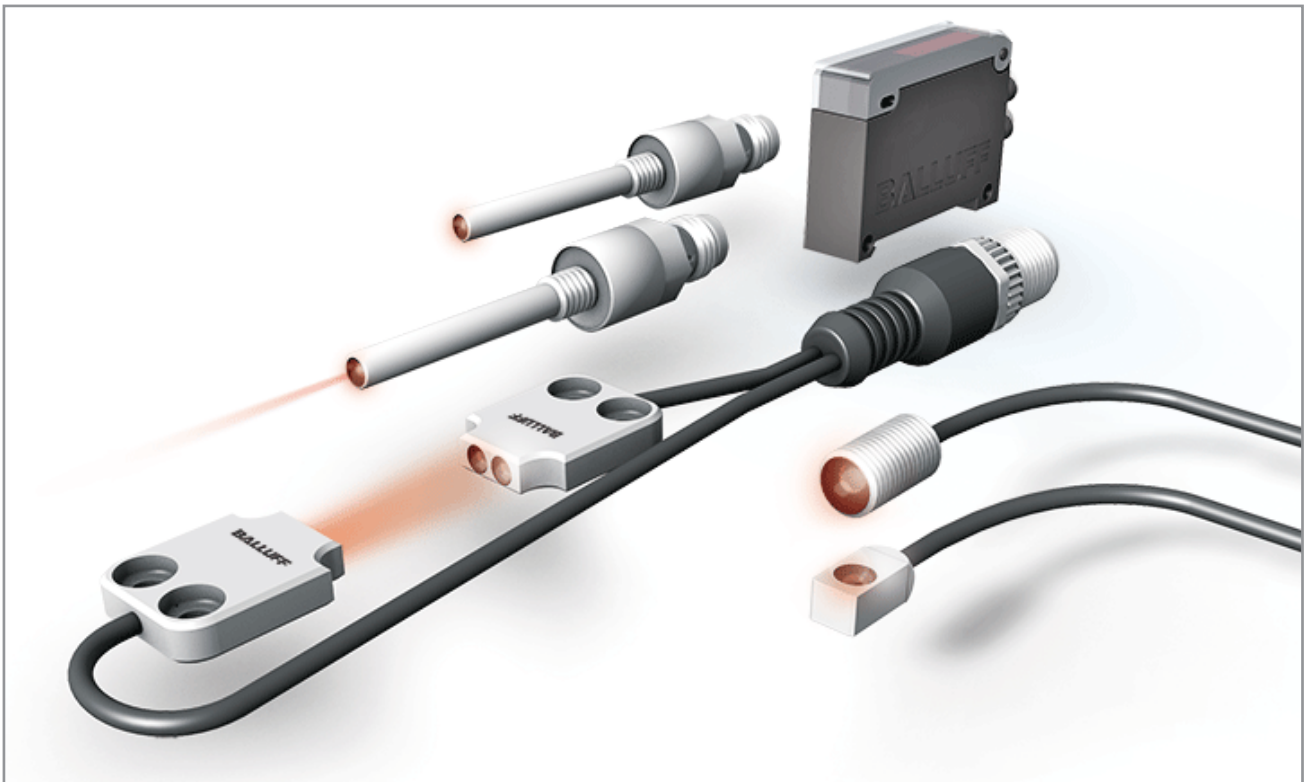
Accurate, Miniaturized Sensing Solutions

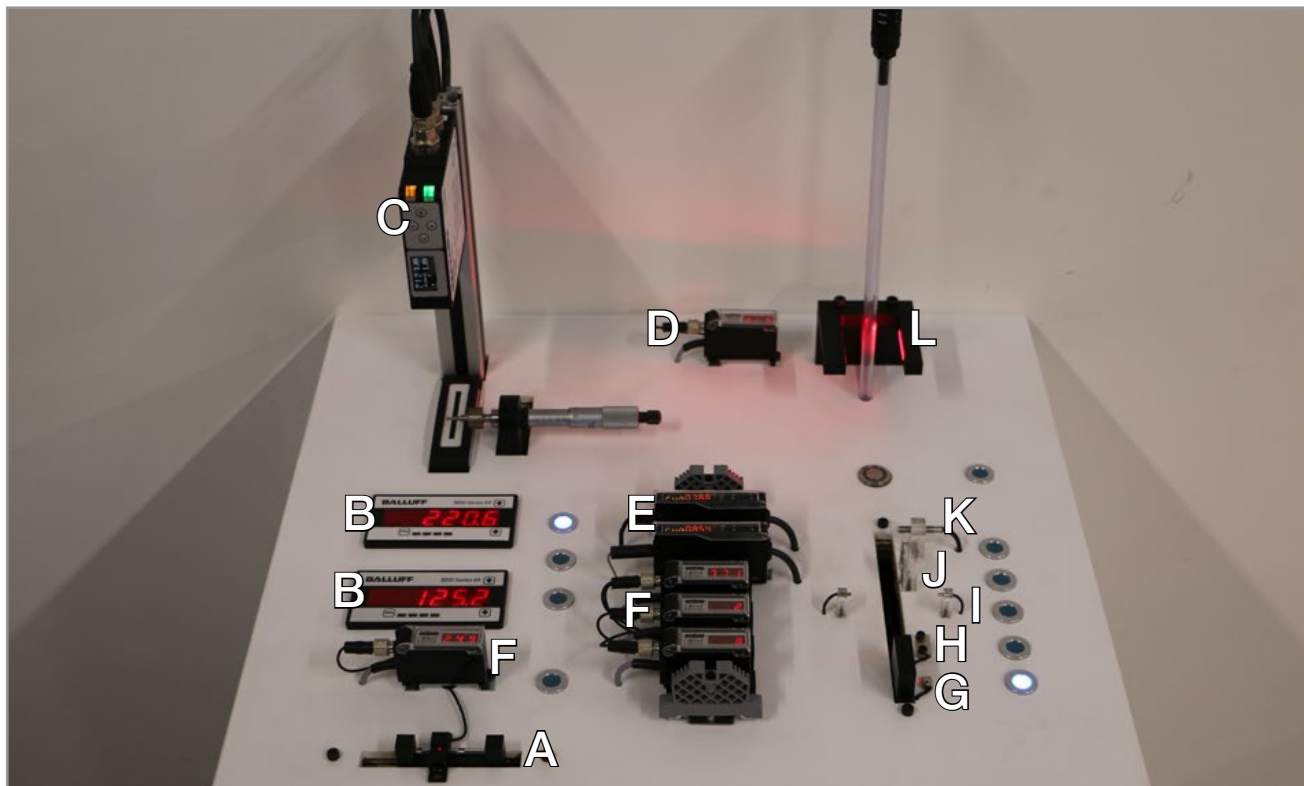
The increasing miniaturization of assemblies demands the smallest possible yet still high-performance components. Balluff mini sensors meet these requirements. With small dimensions and top performance, they offer a great degree of freedom in design and make possible considerably more applications. With mini sensors, users have greater flexibility.

Miniature sensors are available from Balluff in all operating principles: as inductive, photoelectric, magnetic, capacitive and as ultrasonic sensors. Available for each sensor technology are compact inductive couplers, space-saving I/O modules and RFID in mini versions.

The extensive Balluff product line includes mini sensors and compact connection technology which are ideally suited for factory automation - especially for robotics, handling and production lines.

Particularly in robotics, on production lines or in handling applications, low weight is a key requirement for being able to achieve fast cycle times. Another advantage is the reduced space requirement, which increases flexibility in a tightly packed machine compartment. Balluff mini sensors guarantee high precision and reliability.





Letter	Order Code	Description
A	BOH001Y	Bubble detection, Optical sensor head (Tube), Cable with Connector, LED Through-beam/slot, Use with 3.2 mm hose, 10x10x34 mm
B	BAE004T	LED digital display, 5-digit, 0...10V/4...20mA, 4 Programmable PNP outputs
C	BLA0001	Light band, Connector, Laser through-beam, PNP, NO, Sn= 2 m, 93x100x26 mm, Programmable, 2x analog outputs
D	BAE00NJ	Photoelectric, PNP, NO/NC, Light on/dark on, Dynamic signal amplifier
E	BAE00KJ	Capacitive, PNP/NPN, NO/NC, Analog 0-10V/4-20mA, Programmable signal, Signal amplifier
F	BAE00NE	Photoelectric, PNP, NO/NC, Light on/dark on, Signal amplifier
G	BOH002K	Optical sensor head, Cable with Connector, LED (red light, microSPOT), Sn= 70 mm, 3x9x8 mm, Diffuse
H	BOH002L	Optical sensor head, Cable with Connector, LED (red light, microSPOT), Sn= 15 mm, 4x8.5x16 mm, Background suppression
I	BOH000C	Optical sensor head, Cable with Connector, LED (red light, microSPOT), Sn= 500 mm, 2x8.6 mm, Through-beam
J	BCS00HN	Capacitive sensor, Cable with Connector, Based on amplifier, Sn= 2.5 mm, 10x3 mm, Flush (shielded)
K	BCS0011	Capacitive sensor, Cable with Connector, Based on amplifier, Sn= 1 mm, M5x22 mm, Flush (shielded)
L	BOH001N	Optical sensor head, Cable with Connector, LED Through-beam/slot, Sn= 40 mm, 10x75x67 mm