

Versatile, Rugged, Laser Distance Sensor

Superior Performance: Reliably detects distance changes as small as 1 mm.

Versatile

Reliable **sensing range of 25 to 300 mm** across a variety of target colours, materials and surfaces with multiple sensing modes in one device.

Durable

Robust housing rated to IP69K with **FDA-grade stainless steel** resists mechanical impact, over tightening and extreme vibration.

Easy to Use

Simplified user experience with a **clear distance readout** from the angled four-digit display and easy setup with responsive buttons.



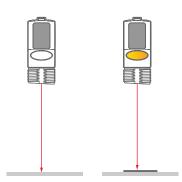




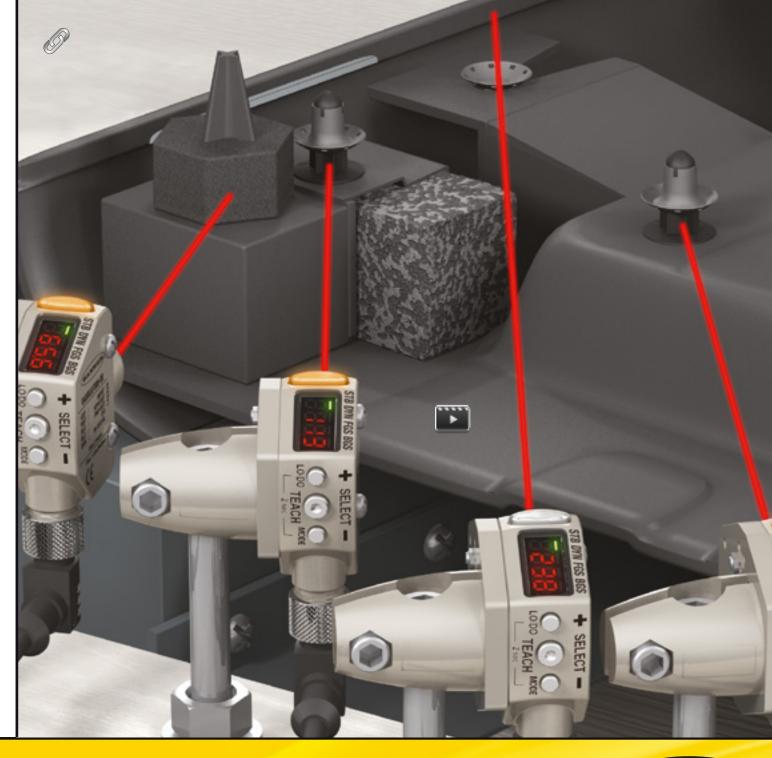
Q4X Laser Distance Sensor

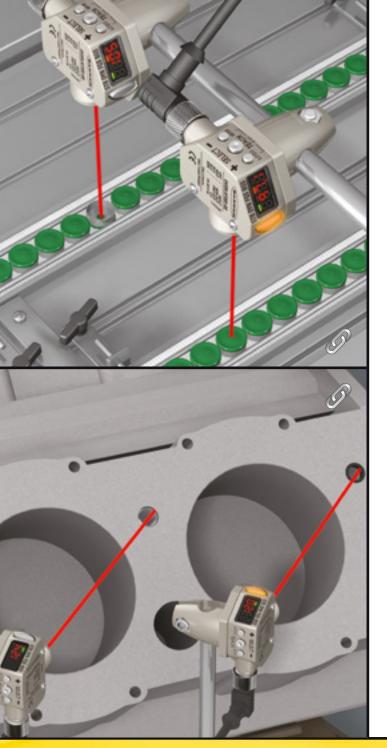
Performance

- Solves difficult distance-based applications including black foam on black plastic, black rubber in front of metal, multicolour packaging and targets of all colours
- Used for presence/absence or orientation detection



Can detect a 1 mm target at a range of 25 to 50 mm





Features

LED Output Indicator

Angled Four-Digit Display

- Shows distance from sensor to target for clear measurement display
- Easy to read at all angles

 Display can be inverted for easy mounting, which allows readability from a variety of angles



Three tactile buttons for easy setup

316L Stainless Steel Housing



Stability and Active Teach

- STB = Stability: Signal strength indication
- DYN = Dynamic background suppression
- FGS = One-point window (foreground suppression)
- BGS = One-point background suppression

Visible decimal point for clear measurement readout under 100 mm





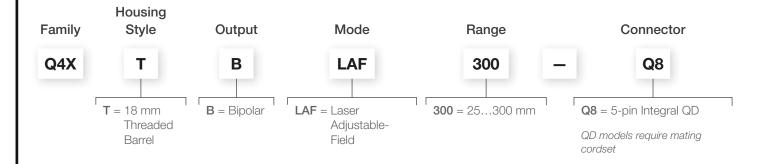
Q4X Laser Distance Sensor

57,4 mm Ø 18,0 mm

- Best in class excess gain: Detection of 1% black targets out to 300 mm
- User selectable output response time from 1,5 to 50 ms
- Rated to IP67, IP68 and IP69K
- CE and UL approved
- Patent pending



Order Now



Accessories



SMBQ4XFA

includes 3/8" bolt for mounting

SMBQ4XFAM10

includes 10 mm bolt for mounting

SMBQ4XFAM12

clamps directly onto industry standard bracket systems of 1/2" or 12 mm rods



5-Pin M12/ Euro-Style Cordsets

Straight connector models listed; for right-angle, add RA to the end of the model number (example, MQDC1-506RA)

MQDC1-506 2 m (6.5')

MQDC1-515

5 m (15')

MQDC1-530

9 m (30')

5-Pin M12/ Euro-Style Washdown Cordset Straight connector models only MQDC-WDSS-0506

2 m (6.5')

MQDC-WDSS-0515 5 m (15')

MQDC-WDSS-0530

9 m (30')



