

Versatile, Rugged Laser Contrast Sensor

High-Speed Performance: Captures up to 2.000 events per second.

Versatile

Solves challenging part-detection applications with small contrast differences.

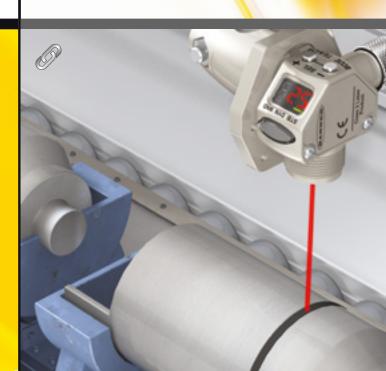
Durable

Rugged nickel-plated zinc housing suitable even in environments with cutting fluids and oils.

Easy to Use

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



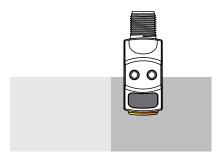




Q3X Laser Contrast Sensor

High-Speed Detection

- High-speed part detection as fast as 250 µs, capturing up to 2.000 events per second
- Used for presence/absence or orientation
 detection



Can detect small changes in contrast up to 300 mm





Features









- User selectable output response time from 250 µs to 5 ms
- Rated to IP67, IP68 and IP69K
- CE and UL approved
- Patent pending

Family Housing Output Mode Connector Style Q3X Т В LD **Q**8 **T** = 18 mm Q8 = 5-pin Integral QD **B** = Bipolar LD = Laser Diffuse Threaded QD models require mating cordset Barrel

Accessories

mounting

mounting



SMBQ4XFA 5-Pin M12/ MQDC1-506 includes 3/8" bolt for Euro-Style Cordsets 2 m Straight connector models MQDC1-515 SMBQ4XFAM10 listed; for right-angle, add 5 m includes 10 mm bolt for RA to the end of the model MQDC1-530 number (example, 9 m MQDC1-506RA) SMBQ4XFAM12 clamps directly onto industry standard bracket systems of 1/2" or 12 mm rods 5-Pin M12/ MQDC-WDSS-0506 Euro-Style 2 m Washdown Cordset MQDC-WDSS-0515 Straight connector models only 5 m MQDC-WDSS-0530 9 m



Order Now

Additional Resources

Q3X Laser Contrast Sensor



