Q4X Analog

Versatile, Rugged Laser Measurement Sensor

Superior Performance: Reliably detects sub-millimeter distance changes.

Versatile
Continuous measurement of **challenging targets** from dark to reflective, out to 300 mm.

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 **analog (V or mA) or distance (mm)** readout from the angled four-digit display and easy setup with responsive buttons.

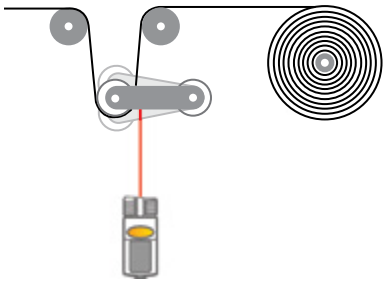
analog

BANNER®
more sensors, more solutions

Q4X Laser
Measurement Sensor

Performance

- Solves difficult measurement applications with difficult targets, including black rubber, foam, metal or plastics of any color



Detects sub-millimeter changes in size or position

Applications

- Fill level indication (this page)
- Part positioning (opposite page)
- Roll diameter
- Loop control
- Thickness/height verification
- Many other challenging applications

Features

316L Stainless Steel Housing
IP67, IP68, IP69K

Stability and Active Teach Indicators

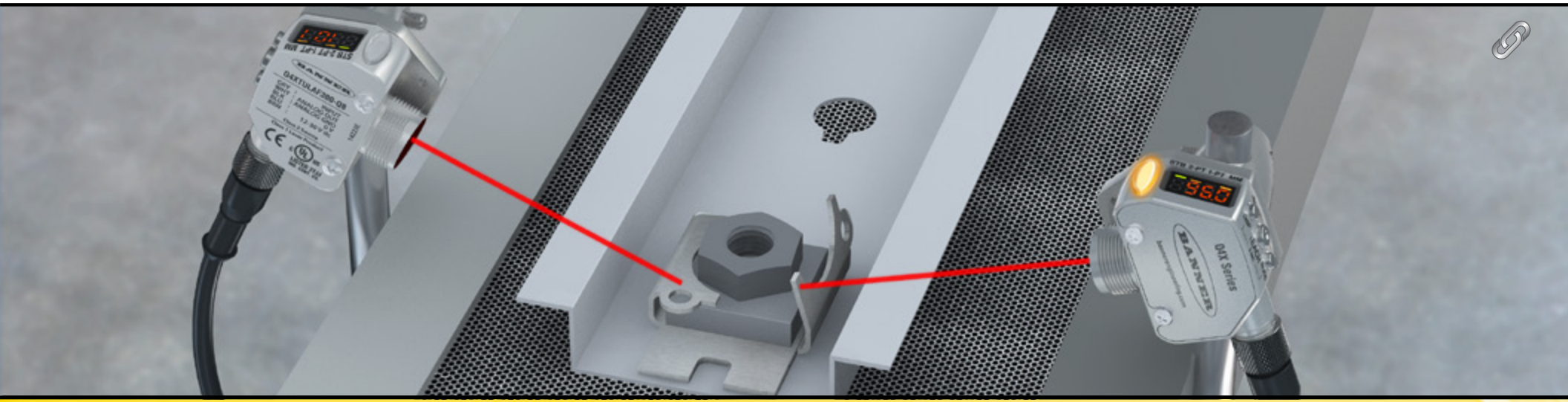
Visible decimal point for clear measurement readout

LED Output Indicator

Angled Four-Digit Display

- Shows distance from sensor to target or analog output
- 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



Q4X Laser
Measurement Sensor

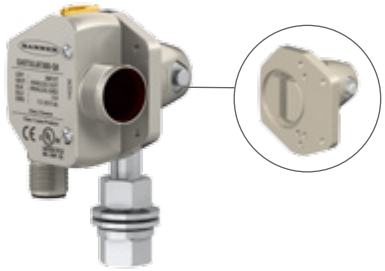
Patent pending

Order Now

Family	Housing Style	Output*	Mode	Range		Connector
Q4X	**T**	**U**	**LAF**	**300**	—	**Q8**
	T = 18 mm Threaded Barrel	**U** = 0-10 V **I** = 4-20 mA	**LAF** = Laser Adjustable-Field	**300** = 25-300 mm **100** = 25-100 mm		**Q8** = 5-pin Integral QD *QD models require mating cordset*

** Some models may not be available at time of printing. Call or check website for the latest model information.*

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

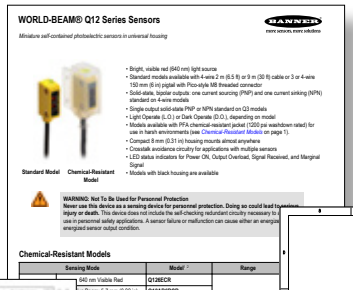
5-Pin M12/ Euro-Style Cordsets
Straight connector models listed; for right-angle, add **RA** to the end of the model number (example, **MQDC1-506RA)**

MQDC1-506
2 m (6.5')
MQDC1-515
5 m (15')
MQDC1-530
9 m (30')

Q4X Laser Measurement Sensor

Additional Resources

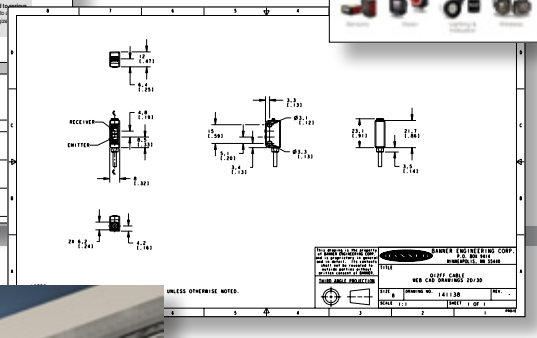
Link to data sheets

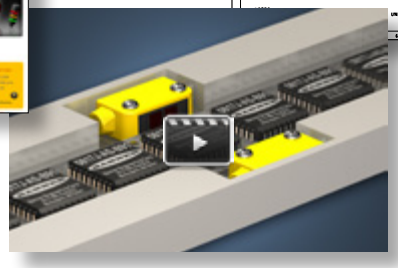


Link to catalog

Link to the Banner website

Link to CAD files





Link to videos