

QM26 and QMH26

Washdown and Hygienic Sensors



When you can't afford to compromise: Banner's QM26 and QMH26 for applications in your plant's toughest washdown environments.

Your Advantages:

- *Rugged:* Chemically resistant and non-toxic 316L stainless steel housing
- *Impervious:* Made to survive in the harshest high pressure washdown environments and temperature cycling
- *Stream-lined:* Designed with minimal grooves and crevices for a cleanable and hygienic design

Product Overview:

- IP69K rated for use in harsh 1500 psi and 80° C washdown
- Models have hygienic design for easy cleaning and sanitizing
- Made from FDA compliant materials for worry-free use in food and pharmaceutical applications
- ECOLAB® certified for inexhaustible sensor life in chemically-cleaned environments
- Withstands environmental temperature cycling from -30° C to 60° C

45-plus years of sensor design experience, quality control, sales support and cost-effective solutions

- ▶ Banner quality products with global availability
- ▶ Rapid customization with most products shipping in 3 days or less
- ▶ Industry's largest force of application engineers to solve your toughest challenges
- ▶ More than 3,000 factory and local field representatives to serve you

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more sensors, more solutions

Washdown or Hygienic

Washdown sensors are able to withstand high pressure washdown environments and are easy to mount for a hassle-free setup. Banner's hygienic sensors are a step up from washdown sensors with less trap points, making them easier to clean and ideal for clean-in-place (CIP) applications. Washdown sensors work well for high pressure washdown environments and hygienic sensors can be used for nearly all applications, including ones requiring sanitization and self draining.

Hygienic Zones

Contact Zone:

QM26

The contact zone includes all areas where food or materials that come into contact with surfaces may return back into the process.



Splash Zone:

QM26, T18

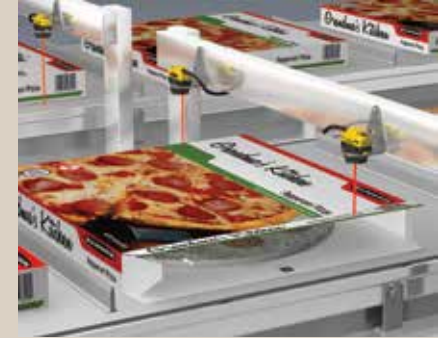
The splash zone includes areas where there may be food splashing or accumulation, but does not return to the process.



Non-Contact Zone:

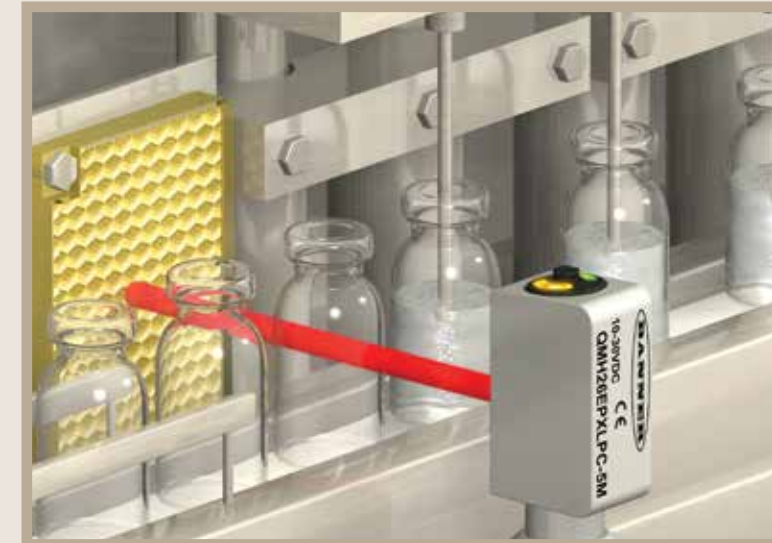
QS18, S18

The non-contact zone includes areas that are not contacted by the products or parts of the product.



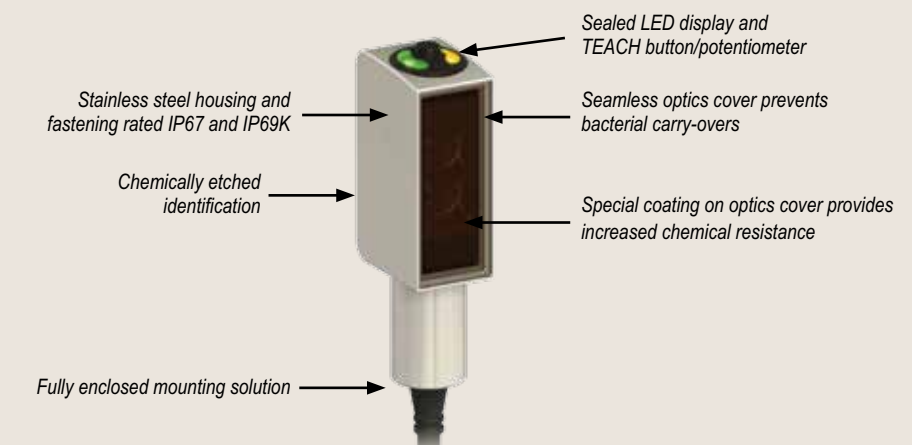
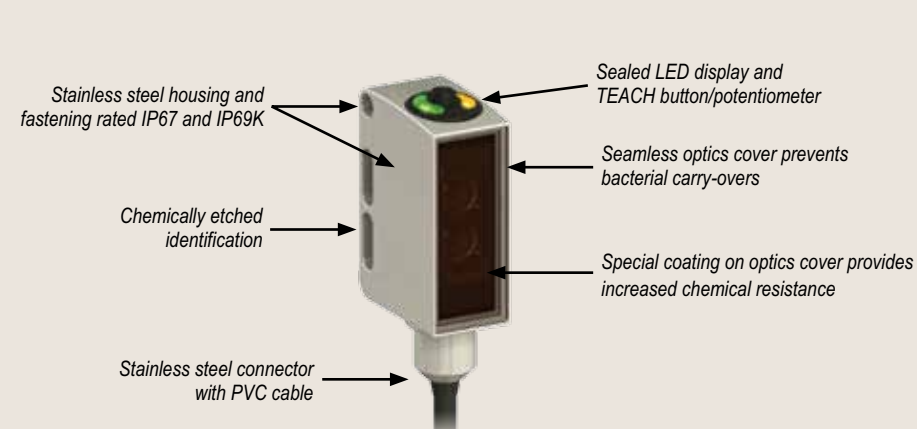
Washdown QM26

- High pressure washdown with chemical resistance
- Easy mounting for quick setup and installation
- Compatible with food products for reliable sensing in food and beverage applications
- Works well for applications in splash zone (See next page for more information)













Hygienic QMH26

- Hygienic mounting shape minimizes contamination risk and is self draining for CIP application
- High chemical resistance ideal for the most demanding photoelectric sensing environments
- Hygienic design for easy cleaning
- Works well for applications in contact zone (See above for more information)

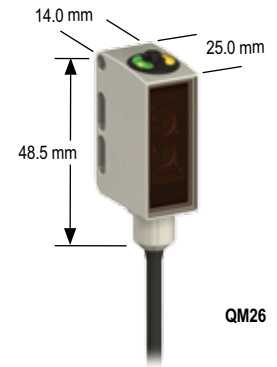


QM26 and QMH26 Washdown and Hygienic Sensors (10 to 30V dc)

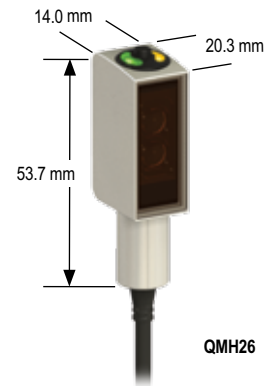
	Mode	Model*		Range	Connector
		NPN	PNP		
Washdown Models	 EMITTER	QM26EQ5		8.5 m (27.8')	200 mm (7.5") PVC pigtail, 4-pin M12 Euro QD connector
	 RECEIVER	QM26VNRQ5	QM26VPRQ5		
	 POLAR RETRO	QM26VNLPQ5	QM26VPLPQ5	3 m (9.8') with BRT-60X40C	
	 COAXIAL POLAR RETRO <i>Expert</i>	QM26ENXLPQ5	QM26EPXLPQ5	2.6 m (8.5') with BRT-60X40C	
	 ADJUSTABLE FIELD BACKGROUND	QM26VNAF400Q5	QM26VPAF400Q5	5 to 400 mm (0.2" to 15.7")	
	 ADJUSTABLE FIELD BACKGROUND (small light spot)	QM26VNAF200Q5	QM26VPAF200Q5	5 to 200 mm (0.2" to 7.85")	
Hygienic Models	 POLAR RETRO	QMH26VNLPQ7	QMH26VPLPQ7	3 m (9.8') with BRT-60X40C	4-pin M8 Pico QD connector
	 COAXIAL POLAR RETRO <i>Expert</i>	QMH26ENXLPQ7	QMH26EPXLPQ7	2.6 m (8.5') with BRT-60X40C	
	 ADJUSTABLE FIELD BACKGROUND	QMH26VNAF400Q7	QMH26VPAF400Q7	5 to 400 mm (0.2" to 15.7")	
	 ADJUSTABLE FIELD BACKGROUND (small light spot)	QMH26VNAF200Q7	QMH26VPAF200Q7	5 to 200 mm (0.2" to 7.85")	

* For 5 m cable, replace Q5 or Q7 with -5M (example, QM26VNLP-5M)

Dimensions



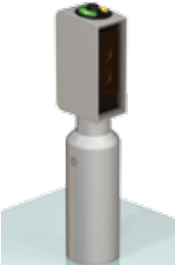


QM26



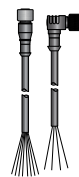
QMH26

Brackets

	Model
	SMBLSTQ26 • Right-angle bracket • 316 stainless steel
	SMBLSTDLQ26 • Adjustable right-angle metal bracket • 316 stainless steel
	SMBQM26-SS-150 • Smooth surfaces for easy cleaning • Set-screw attachment of sensor • 316 stainless steel

Quick-Disconnect (QD) Cordsets

4-Pin M12/Euro-Style (use with QM26 models)



Length	Models	
	Straight	Right-Angle
1.83 m	MQDC-406	MQDC-406RA
4.57 m	MQDC-415	MQDC-415RA
9.14 m	MQDC-430	MQDC-430RA
15.2 m	MQDC-450	MQDC-450RA

4-Pin M8/Pico-Style (use with QMH26 models)



Length	Models	
	Straight	Right-Angle
2.0 m	PKG4M-2	PKW4M-2
5.0 m	PKG4M-5	PKW4M-5
9.0 m	PKG4M-9	PKW4M-9



for technical information