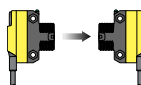
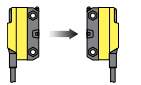
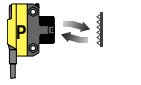
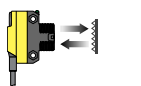
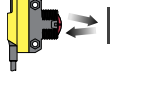
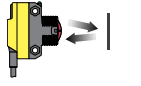
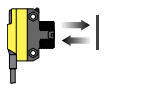


Miniature self-contained photoelectric sensors in universal-mount housing

For complete technical information about this product, including dimensions, accessories, and specifications, see www.bannerengineering.com and search 63908.

Models

Model ¹	Sensing Mode	Output Type	Model ¹	Sensing Mode	Output Type
QS186E	 20 m (66 ft) Opposed	Emitter	QS18VN6DB	 450 mm (18 in) Diffuse	NPN
QS186EV		NPN	QS18VP6DB		PNP
QS18VN6R		PNP	QS18VN6W	 100 mm (4 in) Divergent Diffuse	NPN
QS18VP6R		PNP	QS18VP6W		PNP
QS186EB	 3 m (10 ft) Opposed	Emitter	QS18VN6FF50	 50 mm (2 in) Fixed-Field	NPN
QS18VN6RB		NPN	QS18VP6FF50		PNP
QS18VP6RB		PNP	QS18VN6FF100	 100 mm (4 in) Fixed-Field	NPN
QS18VN6LP	 3.5 m (12 ft) Polarized Retro	NPN	QS18VP6FF100		PNP
QS18VP6LP		PNP	QS18VN6FP	 220 mm (8.7 in) Individual (Opposed) 60 mm (2.4 in) Bifurcated (Diffuse) Range specified using 1.5 mm plastic fiber op- tics	NPN
QS18VN6LV	 6.5 m (21 ft) Non-Polarized Retro	NPN	QS18VP6FP		PNP
QS18VP6LV		PNP	QS18VN6F	 500 mm (20 in) Individual (Opposed) 38 mm (1.5 in) Bifurcated (Diffuse) Range specified using 3.2 mm plastic fiber op- tics	NPN
QS18VN6CV15	 16 mm (0.63 in) Convergent	NPN	QS18VP6F		PNP
QS18VP6CV15		PNP			
QS18VN6CV45	 43 mm (1.7 in) Convergent	NPN			
QS18VP6CV45		PNP			
QS18VN6D	 450 mm (18 in) Diffuse	NPN			
QS18VP6D		PNP			

QD Models:

4-pin integral Euro-style QD: add suffix **Q8**, for example, **QS186EQ8**.

4-pin 150 mm (6 in) Euro-style pigtail QD: add suffix **Q5**, for example, **QS186EQ5**.

4-pin integral Pico-style pigtail QD: add suffix **Q7**, for example, **QS186EQ7**.

4-pin 150 mm (6 in) Pico-style pigtail QD: add suffix **Q**, for example, **QS186EQ**.

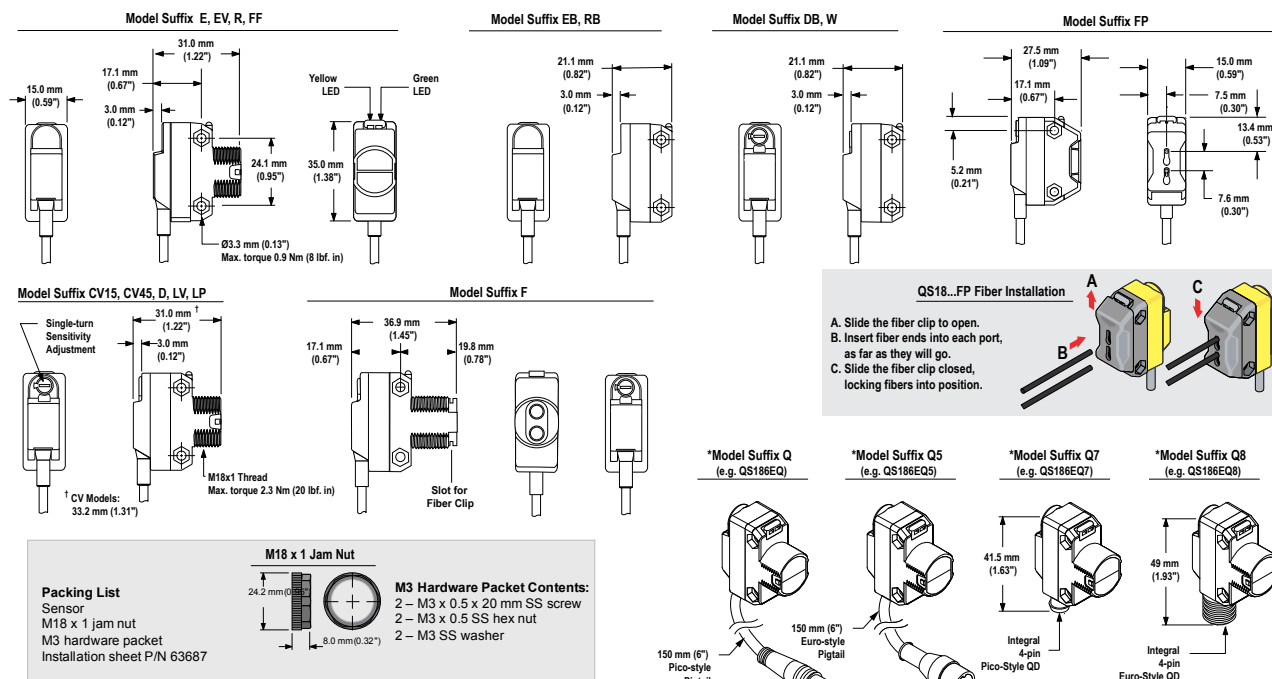


WARNING: Not To Be Used for Personnel Protection

Never use this device as a sensing device for personnel protection. Doing so could lead to serious injury or death. This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

¹ Only standard 2 m (6.5 ft) cable models are listed. For 9 m (30 ft) cable, add suffix **W/30** to the model number, for example, **QS186E W/30**.

Dimensions



Banner Engineering Corp Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

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