

PVL Parts Verification Array



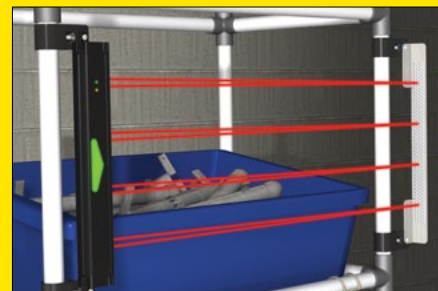
Highly visible pick and mis-pick indication with mounting versatility



Indicating both pick and mispick with highly visible LEDs, displaying red if an operator selects an incorrect part.



The PVL provides 100% reliability over a large area and can be mounted directly to the racking profile.



The PVL light arrays are easily mounted to tube racking with a vertical or horizontal orientation for bin picking applications.

Reliable, cost-effective bin-picking solutions

Standard error proofing applications require cost-effective, reliable technology that can be easily adapted for specific manufacturing scenarios. Banner has developed the PVL retroreflective light array for reliable coverage to help streamline part picking processes.

Your Advantages:

- More cost-effective coverage with the highest reliability
- Opto-mechanical alignment with bright red emitter beams allows for easy setup
- Easy installation with no assembly required
- Can mount directly to racking profile vertically or horizontally
- Rugged, all-metal compact housing for high durability
- Highly visible, two color integrated job LED arrows for confirmation of correct pick or indication of mis-pick
- Retroreflective tape can be placed on adjacent unit or one of the brackets for reduced installation costs
- Large mounting holes for securing directly to slotted racking systems
- Slotted housing design allows cable to exit on either end

Product Overview:

- Retroreflective models with 225 mm beam span
- Two colors: green for pick, red for mis-pick
- Brackets available for standard 28 mm rack tubing

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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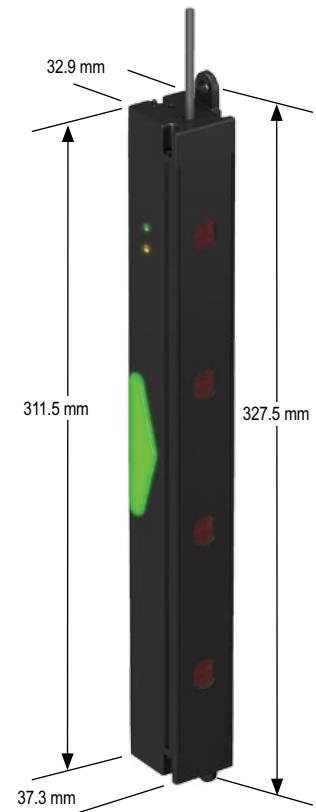
PVL Parts Verification Array

Models	Length	Output	Connection
PVL225P	225 mm	PNP	2 m Integral Cable
PVL225N		NPN	
PVL225PQ	225 mm	PNP	2 m Euro Pigtail QD
PVL225NQ		NPN	



for technical information

Dimensions

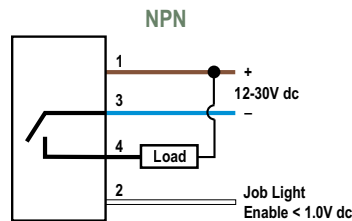
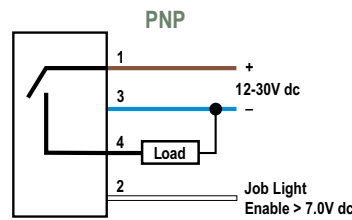


Quick-Disconnect (QD) Cordsets

4-Pin M12/Euro-Style

	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

Hookups



Reflector Tape

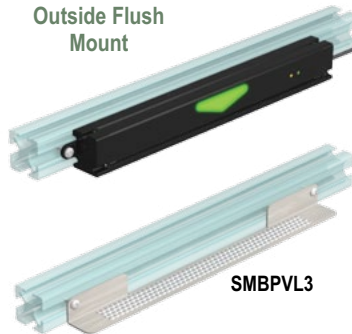
	Model
	BRT-THG-1-100 <ul style="list-style-type: none"> • Replacement retroreflective tape • 25 mm wide • 2.5 m long

Mounting Options

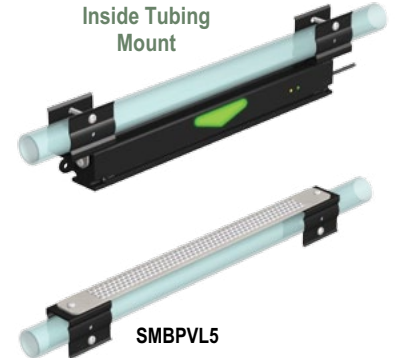
Clean Cable Mount



Outside Flush Mount

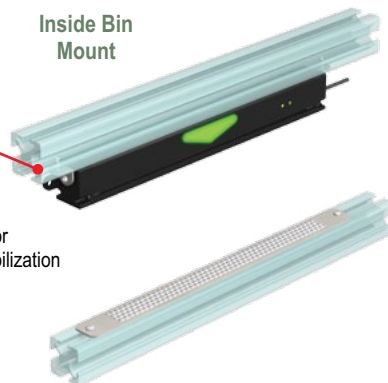


Inside Tubing Mount



Inside Bin Mount

SMBPVL1-
Includes pin for additional stabilization



Outside Tubing Mount

