



Parking Alert Signs

Engineered safety systems for you parking facilities

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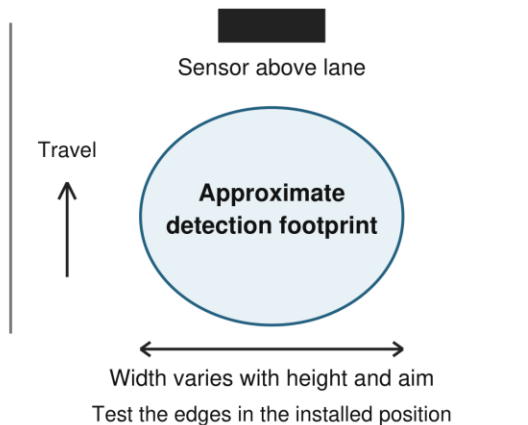
Typical applications

- Vehicle exit and approach warnings
- Pedestrian and bicycle warnings
- Door, gate, and barrier activation
- Alarm and light control inputs

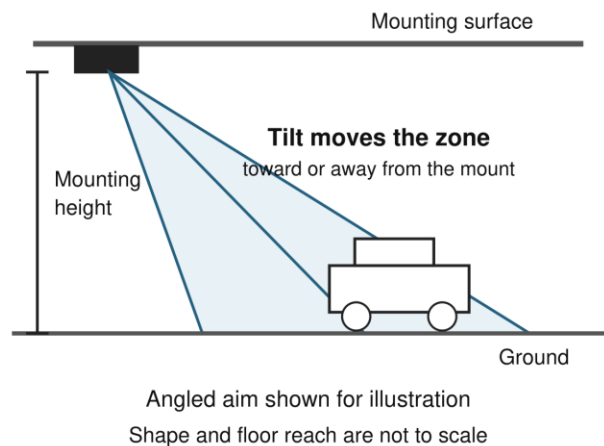
Detects motion and closes a normally open relay contact. It detects vehicles, bicycles, and pedestrians without distinguishing between them.

Detection zone — top and side views

TOP VIEW — LOOKING DOWN



SIDE VIEW — AIMING INTO THE LANE



PS-Narrow QuickSheet

Narrow Beam Motion Detector

PS-VMD-NB

Basic information

Item	PS-VMD-NB
Detection	Microwave motion; vehicles, bicycles, pedestrians
Power	12–36 VDC
Response / hold	Approx. 0.5 second / adjustable 1–6 seconds
Output	Normally open isolated dry contact
Coverage	Up to 15 ft range × 6 ft wide; installation dependent
Mounting	Wall, ceiling, or post; up to 15 ft high
Housing / cable	ABS, IP54 / 5 ft attached cable

Before mounting

Choose a stable, covered location. Aim at the intended path and keep adjacent activity outside the zone. Secure the cable and leave the sensing face clear.

Mounting height	Approximate zone width
6 ft	2 ft
15 ft	6 ft

Coverage examples are from the PASS datasheet. Listed maximum range is 15 ft, with width up to 6 ft. Shapes are illustrative, not to scale; actual coverage depends on height, tilt, target, and surroundings. Walk-test and drive-test the installed zone.

Motion detection is not stationary presence detection. Retain all required door and gate safety devices.



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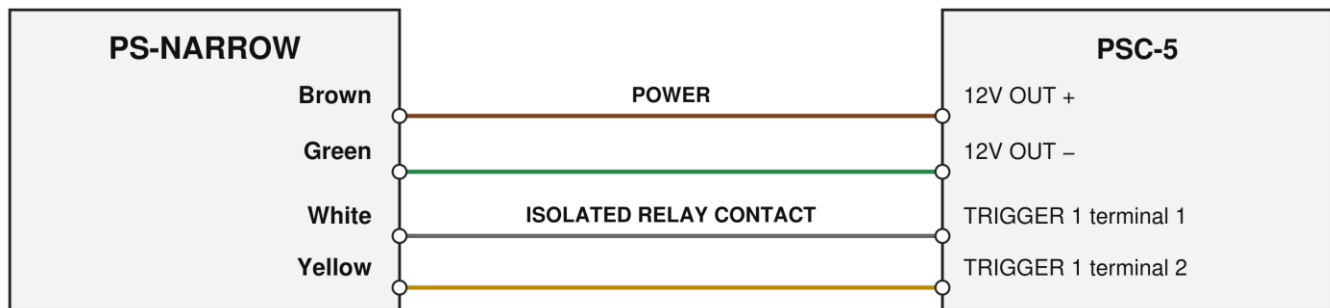
Wiring and setup

Wire connections

Wire	Function
Brown	12–36 VDC positive (+)
Green	DC negative (–)
White + yellow	Normally open dry contact; closes on detection

Disconnect power before wiring. White and yellow connect only to a compatible dry-contact input; do not connect them to supply + or –.

PSC-5 connection example



White and yellow close on detection. Never connect them to supply + or –.

Start with P005 = 1; P006 = 10 seconds; P007 = 0; P008 = OFF; P009 = CLOS (or P010 = CLOS for Trigger 2). Press ENTER to save changes, then RESET to exit. Keep all PSC-5 12V OUT loads within 1 A combined.

Sensor hold time and PSC-5 warning time are separate. P008 = On can restart and extend the warning while detection continues.

Troubleshooting

Symptom	What to check
No detection indication	Verify 12–36 VDC between brown (+) and green (–). Check the supply and connections.
Missed motion	Check aim, mounting height, obstructions, and actual travel path. Retest at expected speeds and at the zone edges.
Unwanted activations	Aim away from adjacent traffic and moving doors or objects. Secure the mount and reduce the covered area.
LED responds; equipment does not	Check the white/yellow contact pair and the controller input setting. Keep relay and power circuits separate.
Warning lasts too long	Check sensor hold time, continued motion, controller activation time, and timer restart settings.
Stopped object no longer detected	This is a motion detector. Use a suitable presence detector when stationary occupancy must be monitored.

Need help

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