

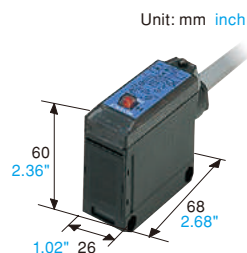
Multi-voltage Power Supply Photoelectric Sensors

PW Series



Ultra-small sensor head

All PW Series sensors have a long-detecting distance: 1 m **3.3'** for the diffuse-reflective type, 5 m **16.4'** for the retro-reflective type, and 10 m **32.8'** for the thru-beam type. The powerful light beam allows stable sensor operation even in dusty environments.



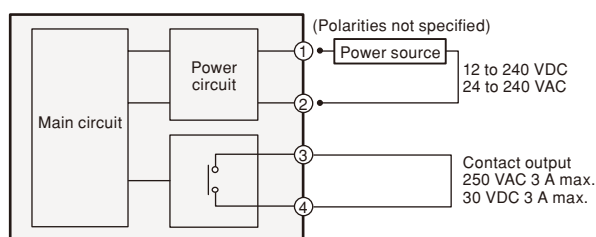
Multi-mode timer (Models: **PW-41J**, **51J**, **61J**)

The output time for models equipped with a timer can be set within a range of 0.1 to 5 seconds. The timer operates in three ways: ON-delay mode, OFF-delay mode, and One-shot mode.

Slit plate enhances detection accuracy

The thru-beam types (PW-51 and PW-51J) are equipped with a slit plate that reduces the light to a narrow beam. This allows an object as small as 3 x 6 mm **0.12" x 0.24"** to be detected from a distance of 1.5 m **4.9'**. A narrow beam has other advantages, including maintaining a constant detection, and preventing interference when 2 or more sensors are installed in parallel.

Input/Output Circuits



* The transmitter of the thru-beam type is provided with power terminals only.

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Lineup

1. Opaque materials of 3 x 6 mm 0.12"x0.24" with slit plate attached (at detecting distance of 1.5 m 4.9')

Specifications

1. Opaque materials of 3 x 6 mm 0.12" x 0.24" with slit plate attached (at detecting distance of 1.5 m 4.9')
2. ON-delay, OFF-delay, and One-shot modes are selectable.

Dimensions Unit: mm [inch](#)

Mounting bracket (standard)

