

Keyence PZ-G62CB

Model: PZ-G62CB

Brand: Keyence

Series: PZ-G series

Built-in amplifier photoelectric sensor, retro-reflective, transparent object detection.

— Hardware —

Sensor type: Retro-reflective, Transparent object detection

Shape: Threaded (M18 nut type)

Detecting distance: 0.1 to 1 m (When R-2L reflector is used)

Light source: Infrared LED

Sensitivity adjustment: 1-turn trimmer (230°)

Response time: 500 µs maximum

Operation mode: LIGHT-ON/DARK-ON (switch-selectable)

Indicators (LED): Output: Orange LED, Stable operation: Green LED

Spot diameter: Not available

Lens cover material: Polyarylate (PAR)

— Communication —

Built-in ports: None

Protocols: None

Communication expansion: None

— Electrical —

Supply voltage: 10 to 30 VDC nominal, including ripple (P-P) 10%

Current consumption: 34 mA or less

Output type: Bipolar (NPN + PNP) open collector

Control output: Open collector output, 30 V maximum, 100 mA maximum, Residual voltage: 1 V maximum

Cable connection: M12 connector (cable sold separately)

Protection circuit: Reversed polarity, overcurrent protection, surge absorber

Interference suppression: Up to 2 units (polarization filters or automatic different frequency function)

— Environmental —

Operating temperature: -20 to +55 °C (No freezing)

Relative humidity: 35 to 85 % RH (No condensation)

Protection rating: IEC IP67 / NEMA 4A, 6, 12 / DIN IP69K

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Ambient light resistance: Incandescent lamp 5,000 lux maximum, Sunlight 20,000 lux maximum

Vibration resistance: 10 to 55 Hz, Double amplitude 1.5 mm, 2 hours in each X, Y, Z direction

Shock resistance: 1,000 m/s², 6 times in each X, Y, Z direction

—— Physical ——

Dimensions (H×W×D): Not available

Weight: Approx. 15 g

Housing material: Glass-fiber reinforced PBT

Mounting torque: 1.0 N • m maximum (front M18 part), 0.5 N • m maximum (side slotted hole part)

—— Lifecycle ——

Active; official Keyence production status confirmed via product/spec page (Last verified: 2026-09)



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