

Keyence LR-W70C

Model: LR-W70C

Brand: Keyence

Series: LR-W series

Self-contained full-spectrum (white LED) color sensor, small/dual-spot type, M12 connector 4-pin.

— Hardware —

Sensor type: Self-contained full-spectrum (white LED) color/photoelectric sensor

Type: Small/dual spot, M12 connector 4-pin type

Detecting distance: 30 to 70 mm

Light source: White LED

Min. spot diameter: Approx. 1.6 x 2.9 mm at 50 mm

Response time: 1-spot: 200 μ s/1 ms/10 ms/100 ms/500 ms; 2-spot difference: 500 μ s/2.5 ms/20 ms/200 ms/999 ms; 2-spot 2-point matching: 400 μ s/2 ms/20 ms/200 ms/999 ms

Timer: OFF / ON-delay / OFF-delay / one-shot

— Communication —

Built-in ports: None

Protocols: IO-Link v1.1 / COM2 (38.4 kbps) on connector-type models

Communication expansion: None

— Electrical —

Supply voltage: 10 to 30 VDC, including 10% ripple (P-P), Class 2 or LPS

Power consumption: Current consumption 60 mA or less (no load) at 24 VDC; 110 mA or less (no load) at 12 VDC

Output type: NPN open collector / PNP open collector selectable, 30 VDC or less, 50 mA or less, residual voltage 2 V or less, N.O./N.C. selectable

External input: Tuning / transmission OFF selectable

— Environmental —

Operating temperature: -20 to +50 °C (No freezing)

Storage temperature: Not available

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

Protection rating: IP65 / IP67 (IEC60529)

— Physical —

Dimensions (H × W × D): Not available

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Weight: Approx. 75 g

—— Lifecycle ——

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



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