Keyence IV4-G400MA

Model: IV4-G400MA
Brand: Keyence
Series: IV4 Series

Compact model sensor head for IV4-G120 amplifier, narrow field of view, monochrome type.

—— Hardware ——
Type: Compact model sensor head, narrow field of view
Installed distance: From 400 mm
Field of view: Installation distance 400 mm: 58 (H) x 44 (V) mm to installation distance 3000 mm: 464 (H) x 348 (V) mm (reference value)
Image receiving element: 1/2.9 inch monochrome CMOS, 1280 (H) x 960 (V) pixels
Focus adjustment: Auto
Exposure time: 12 us to 9 ms
Illumination: Infrared LED
Lighting method: Pulse lighting

—— Communication ——
Built-in ports: None (connects to IV4-G120 amplifier via dedicated sensor head cable)
Protocols: None
Communication expansion: Via IV4-G120 amplifier

—— Electrical ——
Supply voltage: Supplied by connected amplifier
Average power consumption: 2.5 W (without AI imaging illumination unit), 6.6 W (with AI imaging illumination unit)
Output type: Not available (outputs via amplifier)

—— Environmental ——
Operating temperature: 0 to +50° C (no freezing)
Relative humidity: 85% RH or less (no condensation)
Protection rating: IP67 (except when polarizing filters OP-88642/OP-88643/OP-88646/OP-88647 are installed)
Vibration resistance: 10 to 500 Hz, 0.816 G^2/Hz, X/Y/Z directions
Shock resistance: 500 m/s^2, 3 times in each of 6 directions

—— 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

Material: Main unit case: Zinc die-casting. Front cover: Acrylic. Operation indicator cover: TPU. ESD safe, IEC61340-5-1 compliant.
Weight: Approx. 75 g (no AI imaging illumination unit), approx. 225 g (with AI imaging illumination unit)

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

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