

Keyence IV4-GCU1

Model: IV4-GCU1

Brand: Keyence

Series: IV4 Series

Communication unit for IV4-G120 compact amplifier, adds PROFINET and EtherCAT support.

— Hardware —

Type: Communication unit

Compatible sensor: IV4-G120

Supported networks: PROFINET (Conformance Class C), EtherCAT (CoE), TCP/IP no-procedure comm

Ethernet speed: 100 Mbps

Connector: RJ45

— Communication —

Built-in ports: RJ45 Ethernet

Protocols: PROFINET CC-C, EtherCAT CoE

Communication expansion: None

— Electrical —

Supply voltage: Power supplied via connected amplifier

Power consumption: Not available

— Environmental —

Operating temperature: 0 to +50° C (no freezing)

Relative humidity: 85% RH or less (no condensation)

Protection rating: Not available

— Physical —

Dimensions (H × W × D): Not available

Material: Main unit case: PC. Ethernet connector: Copper alloy + gold plating. Main unit rear DIN rail fixing tab: POM. Nameplate: PC. ESD safe, IEC61340-5-1 compliant.

Weight: Approx. 100 g

— Lifecycle —

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

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