

Keyence NU-DN1

Model: NU-DN1

Brand: Keyence

Series: NU

Network communication unit supporting DeviceNet.

—— Hardware ——

DeviceNet: I/O message (polling) + explicit message; address 0-63; baud auto 500/250/125 kbps;
max cable 100 m (500k) / 250 m (250k thick) / 500 m (125k thick)

Sensor connection: N-bus compatible amplifiers, max. 16 units; passing current 1,200 mA or less
total

—— I/O Specifications ——

N-bus sensor amplifier connection via wiring-saving connector

—— Communication ——

Built-in ports: DeviceNet 5-pin

Protocols: DeviceNet

Communication expansion: None

—— Electrical ——

Supply voltage: 11 to 25 VDC (from DeviceNet power supply)

Power consumption: 1,480 mW or less (60 mA max at 24 V; excl. sensor current)

—— Environmental ——

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

Storage temperature: Not available

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

Protection rating: Not available

—— Physical ——

Dimensions (H×W×D): Not available

Weight: Approx. 0.065 kg (incl. connectors)

—— Lifecycle ——

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

You can contact us through the following contact information

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