Keyence GT2-100N

Model: GT2-100N
Brand: Keyence
Series: GT2 series

High-accuracy digital contact sensor amplifier unit, panel mount large-display, NPN output.

—— Hardware ——
Type: High-accuracy digital contact sensor amplifier unit
Mounting: Panel mount (large display), Main unit
Display range: -199.999.9 to 199.999.9
Display resolution: 0.1 µm
Response time: hsp(3)/5/10/100/500/1,000 ms (hsp(12)/20/40/400/2,000/4,000 ms when using GT2-Pxxx heads)
Control input: Timing/preset/reset/bank no-voltage input

—— Communication ——
Built-in ports: None
Protocols: None
Communication expansion: Via optional GT2 series communication units (sold separately)

—— Electrical ——
Supply voltage: 10 to 30 VDC, ripple (p-p) 10 % included, Class 2
Power consumption: 4,500 mW or less (150.0 mA or less at 30 V)
Output type: HH/HI/GO/LO/LL NPN open collector, 40 V / 50 mA or less, residual voltage 1 V or less

—— Environmental ——
Operating temperature: -10 to +50 ° 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. 380 g

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

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