Keyence GT2-A12KL

Model: GT2-A12KL
Brand: Keyence
Series: GT2 series

High-accuracy digital contact sensor head, air push type, low-stress high-precision, 12 mm stroke.

—— Hardware ——
Detection system: Scale Shot System, absolute (no tracking error) type
Measuring range: 12 mm
Resolution: 0.1 µm
Indicated accuracy: 1 µm (p-p)
Measuring force (downward mounting): 0.4 N
Measuring force (side mounting): 0.3 N
Measuring force (upward mounting): 0.2 N
Sampling cycle: 1 ms
Mechanical response: Not available
Operation indicator: 2-colour LED (red, green)
Fluid used: Dry air
Pressure resistance: 1 MPa
Applied pressure range: 0.25 to 0.50 MPa

—— Communication ——
Built-in ports: None
Protocols: None
Communication expansion: None

—— Electrical ——
Supply voltage: Not available (powered by GT2 series amplifier)
Power consumption: Not available
Output type: Not available (sensor head; connects to GT2 amplifier via M8 connector)

—— Environmental ——
Operating temperature: 0 to +55 ° C (No freezing)
Storage temperature: Not available
Relative humidity: 35 to 85 % RH (No condensation)
Protection rating: Not available

—— Physical ——

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

Dimensions (H×W×D): Not available
Weight: Approx. 145 g (not including cable)

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

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