

# Keyence AP-32KP

Model: AP-32KP

Brand: Keyence

Series: AP-30 series

Two-color digital display pressure sensor (Positive pressure, PNP).

## —— Hardware ——

Product type: Digital pressure sensor

Type: Positive pressure, PNP

Rated pressure: 0 to 14.50 PSI

Detectable pressure range: -15 to +110 % of F.S.

Fluid type: Air or non-corrosive gases

Type of pressure: Gauge pressure

Display: 3½-digit, 2-color, 7-segment LED (Character height: 11 mm)

Display resolution: 0.02 PSI, 0.1 kPa, 0.001 kgf/cm<sup>2</sup>, 0.001 bar

Display temperature characteristic:  $\pm 1$  % maximum (of F.S.) at 25 ° C (0 to 50 ° C range)

Response time: 2.5 / 5 / 100 / 500 ms selectable (chattering prevention)

## —— Communication ——

Built-in ports: None

Protocols: None

Communication expansion: None

## —— Electrical ——

Supply voltage: 12 to 24 VDC  $\pm 10\%$

Current consumption: 50 mA maximum (at 24 V), 90 mA maximum (at 12 V)

Output type: PNP open collector, 2-output (N.O./N.C. selectable)

Control output rating: 100 mA maximum (30 V maximum), Residual voltage: 1 V maximum

Analog output: 1 to 5 V (Load impedance: 47 k $\Omega$  minimum)

## —— Environmental ——

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

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

Protection rating: Not available

Pressure resistance (proof pressure): 72.5 PSI

Vibration resistance: 10 to 55 Hz, Double amplitude 1.5 mm, 2 hours in each X, Y, Z direction

## —— Physical ——

You can contact us through the following contact information

[www.sparetechplc.com](http://www.sparetechplc.com) +86 180 3000 5825 [sales@sparetechplc.com](mailto:sales@sparetechplc.com)

Dimensions (H×W×D): Not available

Weight: Approx. 120 g

Front housing: Polyamide

Front panel sheet: PET

Rear housing: Polysulfone

Pressure port: Die-cast zinc

Cable: Oil-proof cabtyre cable

—— Lifecycle ——

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



You can contact us through the following contact information

[www.sparetechplc.com](http://www.sparetechplc.com) +86 180 3000 5825 [sales@sparetechplc.com](mailto:sales@sparetechplc.com)