

Model: SJ-E300A

Brand: Keyence

Series: SJ-E series

Standard model bar-type static eliminator (ionizer) with corona discharge.

—— Hardware ——

Product type: Bar-type static eliminator (standard model)

Ion generation method: Corona discharge method

Structure: Shockless resistive coupling type

Voltage application: Pulse AC method, ± 8000 V applied voltage

Ion balance control: Hi-Power I.C.C. method

Ion balance: ± 30 V (measured at 300 mm or more, 0.2 MPa air pressure)

Installation distance: 50 to 2000 mm

Number of electrodes: 49

Effective length (static elimination range at 50 mm): 3060 mm

Total length: 2960 mm

—— Communication ——

Built-in ports: None

Protocols: Remote control communication

Communication expansion: None

—— Electrical ——

Supply voltage: 24 to 36 VDC $\pm 10\%$

Current consumption: 700 mA (at 24 V), 500 mA (at 36 V)

Output type: NPN open collector (ion level warning, condition warning, alarm output)

Control input: Static elimination stop input (NPN open collector or contact point)

Control output: NPN open collector, 100 mA maximum (40 VDC or less)

Air connection port: Rc 1/8

Air supply pressure: 0.1 to 0.5 MPa (recommended 0.2 MPa)

Overvoltage category: I

Pollution degree: 2

—— Environmental ——

Operating temperature: 0 to +40 °C

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

Protection rating: Not available

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

—— Physical ——

Dimensions (H × W × D): Not available (total length 2960 mm)

Weight: 2.90 kg

Electrode probe material: Tungsten

Main body material: ABS/PBT/PP/LCP/PPS/SPS/SUS

—— Lifecycle ——

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

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