



## SJ-L005G

Ultra-durable, high-power static elimination gun



\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

## Specifications

|                            |   |  |
|----------------------------|---|--|
| Model                      | SJ-L005G  |  |
| Voltage application method | High frequency AC method  |  |
| Applied voltage            | 3.2 kVAC  |  |
| Ion balance                | $\pm 10$ V*1  |  |
| Static elimination time    | 0.4 sec.*1  |  |
| Operating distance         | 50 mm or more   |  |
| Air supply pressure        | 0.05 to 0.7 Mpa   |  |
| Air supply temperature     | 0 to +50°C  |  |
| Connection tube            | Outer diameter: $\varnothing 8$ , inner diameter: $\varnothing 6$   |  |
| Ozone concentration        | 0.05 ppm or less*2  |  |
| Ratings                    | Power voltage   | 12 VDC (dedicated AC adapter OP-88020/87722*3) |
|                            | Current consumption   | 0.3 A max.                                     |
| Environmental resistance   | Ambient temperature   | 0 to +50°C (0 to +40°C when OP-87722 is used)  |
|                            | Relative humidity   | 35 to 65% RH (no condensation)                 |
|                            | Overvoltage category  | I  |
|                            | Pollution degree  | 2  |
| Drop resistance            | Onto concrete from a height of 2.0 m*4  |  |
| Material                   | Main unit case: PC / Status indicator: TPU / Cable: PVC, copper alloy<br>Main unit connector: PBT, brass + Ni plating, brass + gold plating<br>Protection rubber: HNBR (tip side), NBR (connector side) |  |
| Weight                     | Approx. 320 g   |  |

\*1 Measurement results taken with an installation distance of 150 mm and air supply pressure of 0.2 MPa (typical values)

\*2 Measurement results taken with an installation distance of 100 mm and air supply pressure of 0.1 MPa (typical values)

\*3 Rated input of 100 to 240 VAC, 50/60 Hz

\*4 This is a typical value under KEYENCE measurement conditions and not a guaranteed value.

## Dimensions

\* Download CAD file or product manual for larger image/text and more detail.

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