

ZM071SAH-J5LZ-E15L SMC 0.7mmNozzle -84kPa 24VDC Vacuum Generator Datasheet



Brand: SMC

SKU: 1015642391281

Category: Vacuum Components

Price: **\$185.67**

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Product Page:

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Product Description

SMC ZM071SAH-J5LZ-E15L features a 0.7 mm nozzle diameter, -84 kPa maximum vacuum pressure, and 12 L/min suction flow rate. This all-in-one unit incorporates a PBT body housing, N.C. supply and exhaust valves, and a ZSE3 electronic vacuum pressure switch. The internal ejector mechanism operates at a standard supply pressure of 0.45 MPa with a 24 VDC electrical requirement. It utilizes an L-type plug connector with a 0.5 m lead wire and includes a built-in suction filter and silencer.

ZM071SAH-J5LZ-E15L Specifications

Model Number: ZM071SAH-J5LZ-E15L

Brand: SMC

Series: ZM

Nozzle Diameter: 0.7 mm

Maximum Vacuum Pressure: -84 kPa

Maximum Suction Flow Rate: 12 L/min (ANR)

Air Consumption: 26 L/min (ANR)

Standard Supply Pressure: 0.45 MPa

Operating Pressure Range: 0.2 to 0.5 MPa

Supply Voltage: 24 VDC

Power Consumption: 0.35 W

Valve Type: N.C. (Normally Closed)
Vacuum Switch Model: ZSE3-0X-15
Switch Output: NPN Open Collector
Electrical Entry: L-type plug connector
Lead Wire Length (Valve): 0.5 m
Lead Wire Length (Switch): 3 m
Operating Temperature Range: 5 to 50 °C
Body Material: PBT
Seal Material: NBR
Filter Filtration: 30 µm
Weight: 165 g
Enclosure Rating: IP40

ZM071SAH-J5LZ-E15L Applications

Primary applications include integration into automated pick-and-place systems, semiconductor wafer handling robots, and high-speed packaging machinery. Deployed within pneumatic circuits for precision component suction and vacuum-based material transfer in electronic assembly lines.

Supplemental Images

