

8049-4 8049-2 Schubert & Salzer 4-20mA 24VDC 6bar Digital Positioner Datasheet



SKU: [1043557138623](#)

Category: Solenoid & Directional Valves

Price: **\$3,214.29**

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Product Page:

<https://www.equipspares.com/product/8049-4-8049-2-schubert-salzer-4-20ma-24vdc-6bar-digital-positioner>

Product Description

Schubert & Salzer 8049-4 3-28 mm stroke, 24 VDC supply, 4-20 mA input, and 6 bar maximum pressure digital positioner. The device features an IP 65 rated anodized aluminum housing with a polymer cover and utilizes a non-contacting stroke sensor for feedback. It is designed for mounting on linear and quarter-turn pneumatic actuators with a standardized G 1/8" or NPT 1/8" pneumatic connection. The internal microprocessor-controlled system provides self-adaptation and diagnostic functions via DeviceConfig software while maintaining a stationary air consumption of less than 0.06 NI/min.

8049-4 8049-2 Specifications

Model: 8049-4 / 8049-2

Brand: Schubert & Salzer

Input Signal: 4-20 mA

Power Supply: 24 VDC (8049-4) / Loop-powered (8049-2)

Supply Air Pressure: 1.4 to 6 bar

Ambient Temperature: -20 to +75 °C

Protection Class: IP 65

Stroke Range (Linear): 3 to 28 mm

Angle Range (Rotary): 30 to 120 °

Air Consumption (Stationary): < 0.06 NI/min (8049-4)

Air Consumption (Leakage): < 0.01 NI/min

Housing Material: Anodized aluminum / Polymer

Pneumatic Connection: G 1/8" or NPT 1/8"

Electrical Connection: M12 plug or cable gland

Voltage of Working Resistance: 3.5 V (175 Ω @ 20 mA)

Air Quality: ISO 8573-1 Class 5 (particles), Class 4 (oil)

Actuation Gas: Compressed air or non-flammable gases

Hysteresis: < 0.4 %

Weight: 1.1 kg

8049-4 8049-2 Applications

Primary applications include integration into pneumatic control valve assemblies for chemical processing plants, food and beverage pasteurization systems, and pharmaceutical sterile steam regulation. Deployed within automated fluid handling skids and textile dyeing machinery requiring precise proportional flow control.

Supplemental Images

