

4KB210-L CKD 110VAC 0.7MPa Pilot-Operated 5-Port Solenoid Valve Datasheet



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Category: Relays & Contactors

Price: **\$54.29**

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<https://www.equipspares.com/product/4kb210-l-ckd-110vac-0-7mpa-pilot-operated-5-port-solenoid-valve>

Product Description

CKD 4KB210-L is a pilot-operated 5-port solenoid valve featuring a 110 VAC nominal voltage, a maximum working pressure of 0.70 MPa, and a 2-position single solenoid configuration. Engineered with a soft spool mechanism, this unit operates exclusively with compressed air and requires no external lubrication. The structural design incorporates a dust-proof enclosure, ensuring resilience against environmental particulates, while maintaining operational stability across an ambient temperature range of -5 to 50 °C. Additional mechanical characteristics include a vibration resistance of 50 m/s² and a shock resistance of 300 m/s², delivering consistent directional flow control under dynamic mechanical stress.

4KB210-L Specifications

Model Number: 4KB210-L

Brand: CKD

Product Category: Pilot-Operated 5-Port Solenoid Valve

Valve Type: Soft Spool Valve

Solenoid Position: 2-Position Single

Nominal Voltage: 110 VAC (50 Hz / 60 Hz)

Working Fluid: Compressed Air

Maximum Working Pressure: 0.70 MPa

Proof Pressure: 1.05 MPa

Ambient Temperature Range: -5 to 50 °C (No Freezing)

Fluid Temperature Range: 5 to 50 °C

Lubrication: Not Required

Degree of Protection: Dust-Proof Enclosure

Vibration Resistance: 50 m/s² or less

Shock Resistance: 300 m/s² or less

Electrical Connection: L-Type (Without lead wire, with indicator lamp)

Port Size Compatibility: Rc1/8 or Rc1/4

4KB210-L Applications

Primary applications include integration into automated pneumatic control panels, CNC machining centers, and injection molding equipment. Deployed within industrial robotics and packaging machinery to provide precise directional air control for pneumatic cylinders and actuators.

Supplemental Images

