

Product Overview

Refer to this configuration summary for unit-designation mapping. This report extract is prepared for design-verification audits. The following information outlines performance characteristics and design data. This technical overview supports the product-release checklist. Please review the specifications and material composition listed below.

Product ID:	SL-430M
Document No.:	PR-550

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Model Type	Pneumatic Control Unit	Operating Pressure	180 bar
Throughput	75 L/min	Operating Voltage	230 V / 50 Hz
Filtration	10 µm return, 25 µm suction	Control Valve	Manual Override 3/2
Protection Class	IP65	Working Temp. Range	5°C to 45°C

All specifications meet the design requirements and industry standards. Document control numbers are included for traceability. Overall configuration is within defined design and safety margins. Refer to parameter table for operating ranges and tolerances. Flag any missing parameters for urgent specification updates. Material choices and process data have been verified for compliance. Use this summary to cross-check with BOM and inspection reports.

Material of Construction:

Subcomponent	Raw Material
Power Switch	Polycarbonate + Copper
Heat Sink ALU	Aluminum 6061-T6
Connector 2P	Glass-Filled Nylon
Steel Sheet A36	Carbon Steel A36
Support Foot Steel	Stainless Steel 304
Capacitor 450V	Aluminum 6061-T6