

Product Data Sheet

This report extract is prepared for design-verification audits. This technical overview supports the product-release checklist. Refer to this configuration summary for unit-designation mapping. Check that all material specs align with supplier certifications. All data entries are traceable to design revision history.

Product ID:	PL-601Z
Internal No.:	PR-132

Prepared by: Laura Rossi | Approved by: Carlos Garcia | Date: 2025-06-28

Unit Type	Pneumatic Control Unit	Operating Pressure	180 bar
Throughput	30 L/min	Operating Voltage	400 V / 50 Hz
Cooling	Air-cooled oil radiator	Oil Type	HLP 32
Protection Class	IP65		

Data sheet has been peer-reviewed by the engineering team. All specifications meet the design requirements and industry standards. This closure note indicates the data sheet is ready for release. Document control numbers are included for traceability. Ensure that the listed materials are approved for the application. Archive this summary for future design-change management. Flag any missing parameters for urgent specification updates.

Material of Construction:

Label	Raw Material
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Hinge Set	Stainless Steel 304
Digital Display Unit	ABS Plastic
Gasket Sheet A4	Nitrile Rubber (NBR)
Nut M6	Zinc-Plated Steel
Graphite Pad	Graphite Pad
Cooling Gel Pack	Silicone Rubber
Steel Sheet A36	Carbon Steel A36
Battery Pack	Lithium-Ion Cell Pack
Wooden Pallet	Treated Pine Wood
Cable Tie Pack (100)	Nitrile Rubber (NBR)