

Solenoid & Pneumatic Valves

RXV-SOL

Solenoid valves, air-pilot valves and pneumatic control components selected by medium, port size, voltage and function.



Product division: Valves & Pneumatics

Datasheet type: Product-family selection and compliance template

Commercial status: Final manufacturer, dimensions, performance and availability are confirmed in the quotation.

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Selection data and supply scope

Valve function	2/2, 3/2, 5/2, 5/3 or application-specific
Required data	Medium, pressure, port size, voltage, duty cycle and environment
Body materials	Brass, aluminium, stainless or polymer according to service
Seal materials	NBR, EPDM, FKM, PTFE or specified material
Electrical	Voltage, connector, enclosure and hazardous-area requirement confirmed
Documentation	Datasheet, wiring data and applicable declarations

Capabilities and typical applications

Key capabilities	Typical applications
Two-way, three-way and multi-port configurations	Valve automation
Normally open, normally closed and bistable options	Compressed air
Coil, connector and hazardous-area options where applicable	Process skids
Manifold and air-preparation integration supported	Machine control

Applicable standards and technical references

The references below are a review framework. Only the standards applicable to the exact product, material, size, configuration and intended use are stated as confirmed in the quotation and final manufacturer documentation.

Area	Reference	Applicability / evidence
Electrical equipment	IEC / EN IEC standards	Applied to coils, enclosures and electrical accessories where relevant
Hazardous areas	ATEX / IECEx requirements	Applied only when specified and supported by certified equipment
Quality management	ISO 9001	Manufacturer certificate and scope verified for the selected source
Valve design	ISO / EN / API / ASME product standards	Exact design standard selected by valve type and application
Pressure testing	EN 12266 / API 598	Applied where relevant to valve type and project specification
Flanges / end connections	EN 1092 / ASME B16 series / ISO	Applied to the ordered connection system
Actuator interface	ISO 5211	Applied to compatible part-turn actuator mounting arrangements
Materials	EN / ASTM / ASME material specifications	Exact body, trim, seat and seal materials confirmed per order

EU conformity and product status

EU conformity status	Reviewed according to valve type, pressure data, fluid group, actuation and intended use
Pressure equipment	PED requirements considered where the product and operating limits are within scope
CE marking	Applied only where legally required for the supplied configuration
EU declaration	Available where legally required and confirmed before order acceptance

COMPLIANCE CONTROL

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Documentation available where applicable and agreed

Manufacturer datasheet	Final source data for the selected model and configuration
Certificate of Conformity	Product and order reference confirmation according to the agreed source
Material Test Certificate	EN 10204 type 2.2, 3.1 or 3.2 where requested and available
Inspection / test records	Dimensional, pressure, hydro, performance, balancing or functional reports as applicable
Process certificates	Heat treatment, coating, surface finish or other manufacturing records where required
Traceability	Batch, heat, lot or serial records according to product and supply route

Information to include with the enquiry

1	Product, manufacturer, model, part number, drawing or sample reference
2	Quantity, required delivery date, intended application and operating conditions
3	Materials, dimensions, critical performance requirements and customer specifications
4	Mandatory standards plus required EU declarations, certificates, inspection records and document language