

## The New Dual Valves For Increased Safety



### SV01/03/05 Series Safety Valves

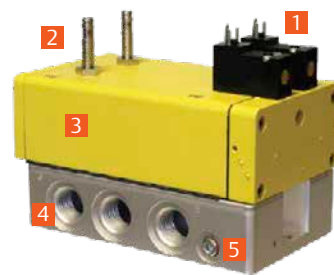
- Safety functions for maximum performance levels
- Can be assembled into blocks with the maintenance unit
- Extensive accessories for flexible integration

# Latest Valve Technology For Optimized Machine Safety

With the new SV01, 03, and 05 series safety valves, users can achieve category 4 safety-relevant control while realizing the maximum performance level “e” (PLe) according to ISO 13849-1. Safe exhaust and reversing – the dual valve for twice the safety.

## Standard-compliant safety with minimal response times

SV series dual valves are redundant 3/2 or 5/2 directional valves with direct monitoring that meet requirements to protect against unexpected start-up, as well as safe exhaust (3/2 directional valve) and save reversing (5/2 directional valve) in pneumatic safety controls. The 3/2 dual valves only activate the compressed air supply when all conditions for a safe system start-up have been met, preventing potential accidents. In the event of a machine fault or emergency OFF, the valve exhausts the operating lines, ensuring a de-energized and thus safe state.



- 1 | 15 mm pilot system
- 2 | Position sensors
- 3 | Dual valve technology
- 4 | Base plate (5/2 version)
- 5 | External pilot air connection



## Proven valve concept with innovative safety technology

- Ultra-fast response times
- Position monitoring for feedback on availability
- Position sensors for monitoring slider positions
- Proven slider valve design
- Internal and external precontrol
- Base plate assembly
- High  $B_{10D}$  values: 20 mil.
- Electronic sensors without mechanical wear
- Sensor signal, in home position (sensor LED illuminated)
- Available as a SISTEMA library
- CE mark with declaration of conformity

# AVENTICS™

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