



No Air Consumption: Type 3969 Solenoid Valve

Energy-efficient solution for use in indoor plants,
e.g. in batch production or the pharmaceutical industry

- Solenoid with armature
- Ball/seat valve with return spring
- SIL safety function according to IEC 61508
- Type of protection: intrinsic safety
- Low electrical power consumption
- No air consumption
- Attachment to linear actuators with NAMUR rib (IEC 60534-6)
- Attachment to rotary actuators with NAMUR interface (VDI/VDE 3845)



General data	
Design	Solenoid with armature and ball/seat valve with return spring
Fail-safe action	SIL according to IEC 61508
Degree of protection	IP 65
Housing material	Black anodized aluminum
Ambient temperature	-45 to +80 °C (depending on temperature class)
Electric data	
Nominal signal	14 to 28 V DC
Power consumption	<60 mW at +20 °C
Type of protection	Intrinsic safety
Connection	Screw terminal, 2-pole, with M20x1.5 cable gland
Pneumatic data	
Switching function	3/2-way function with spring-return mechanism
K _{VS} coefficient	0.3
Medium	Instrument air
Operating pressure	Max. 10 bar
Output pressure	Operating pressure
Air consumption	≤3 l/h
Connection	G ¼ or ¼ NPT, NAMUR interface according to VDI/VDE 3847