

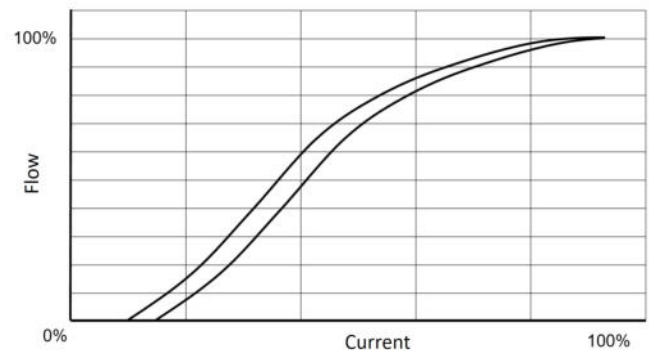
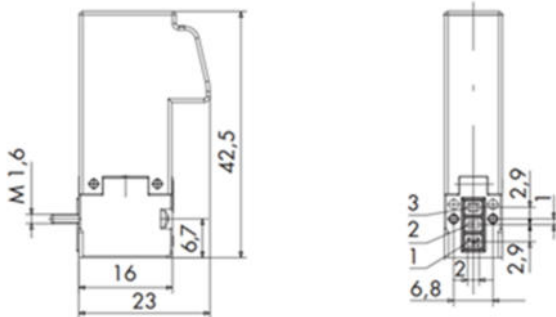
10mm Proportional valve

PRECISION. SAFETY. MOTION.

The 63 proportional solenoid valve has been specially developed for the energy-efficient and quiet control of gases. With a flow rate of up to 30 l / min air, this valve meets the high quality requirements of medical and analysis technology. The compact, cost-effective design and the possibility of adapting the valve according to customer requirements ensure that it can be easily integrated into existing applications.

Properties

- Compact design
- Cost efficient
- Flexible customization



Technical data ¹	10 mm flow proportional valve, 63 series line			
Voltage supply (U _{Nom})	24 V DC or 12 V DC ±10%			
Power consumption (P _{Nom})	3,2W			
Recommended control	Pulse width modulation (PWM) and Dither			
Typical flow characteristic by constant current control	Hysteresis <10% of final value; Repeatability <1,0% of final value			
Pressure range (p)	0 .. 7 bar; depending on orifice size, others on request			
Input control	30 – 130mA depending on model			
Flow range (Q _n)	0...30 LPM			
Orifices (others on request)	0,5 mm	0,7 mm	0,9 mm	1,0 mm
Kv-value	0,11 l/min	0,23 l/min	0,33 l/min	0,4 l/min
Media	Air, neutral gases; liquids and oxygen on request			
Function	2/2-way, normally closed			
Pneumatic connection	Flange, optional sub-plate with tube nipples			
Electrical connection	Plug, Pin (PCB mounted)			
Ambient temperature	-10°C ... +40°C			
Protection classification	IP 65			
Dimension (H x B x T)	42,5 mm x 10 mm x 23 mm (Plug-Version)			

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