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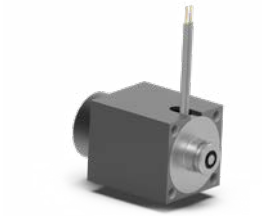
Products for Medical Technology

	VALVES			ACTUATORS		PRESSURE SENSORS
						
Applications	· Solenoid valve with media separation for dialysis machines	· Patient monitoring · Skin sensor fixation by vacuum	· Dental drilling machine · Control valve for air flow	· Pinch valve solenoid for dialysis machine	· Operating tables · Dentists chairs	· Pressure sensor to ensure closed loop control with the fluidic valve
Customer benefit	· Energy reduced · Low holding power consumption (1.5 W) · Low temperature generation	· Simple design · Easy to integrate	· Small size · Proportional valve · Flexible hose adaption	· Energy reduced (low energy consumption) · Low temperature generation · Small size · High force · Fail-safe closed	· Compact design · Under oil installation possible	· Ready-for-use output signal · Wide temperature range · High long-term stability · High pressure overload · Small size
Technical data	· Voltage 12 – 24 V DC · Electrical power 9.6 W / 1.5 W · Duty cycle 100 % · Valve diameter 3 mm · 2/2 Valve normal closed · Media separated · Ambient temperature 0 °C – 80 °C	· Voltage 6 – 48 V DC · Nominal power 6.5 W · Duty cycle 100 % · Valve diameter 2 mm · Normal closed or normal open · Working pressure 0 – 1bar · Ambient temperature 10 °C – 50 °C	· Voltage 12 – 48 V DC · Valve diameter 2.7 mm · 2/2 Valve normal closed · System pressure 6.5 bar · Ambient temperature 0 °C – 80 °C	· Voltage 12 – 24 V DC · Electrical power 30 W / 3 W · Clamp force up to 45 N · Duty cycle 100 % · Hose diameter up to 6 mm · Normal closed or normal open · Ambient temperature 0 °C – 80 °C	· Voltage 12 – 48 V DC · Force 20 – 40 N · Duty cycle 100 % · Working pressure 250 bar · Ambient temperature -25 °C – 40 °C	· Supply voltage 5 V or 8 – 32 V · Nominal pressure 1 – 12 bar · Pressure reference relative · Burst pressure 2x nominal pressure · Output signal analogue · Precision (–20 °C – 100 °C) ≤ ±1.0 % · Operating temperature -40 °C – 125 °C · Protection class IP00 · Electrical connection solder contacts or pressfit for the circuit board