

Solenoid valve ZE

CONSTRUCTION:

These solenoid valves are normally closed. When energized, the solenoid coil provides a strong magnetic force which pulls a plunger up into the plunger tube. This opens the valve orifice permitting the flow of medium. These valves cannot be operated manually. The valve body is made of forged brass. The remaining parts are made of stainless steel and corrosion-proof metal alloys. The gaskets are made of rubber or teflon.

MOUNTING:

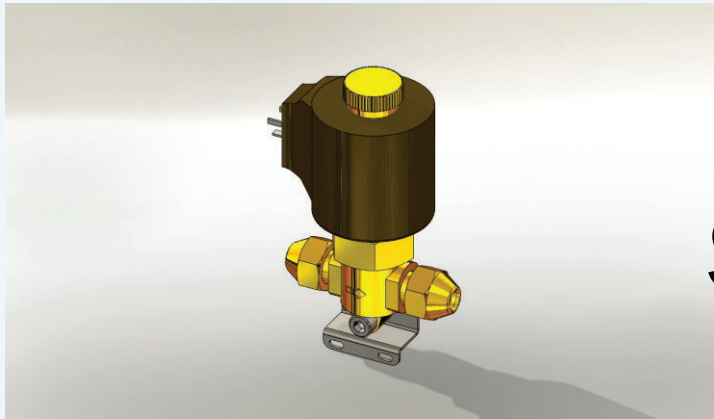
These valves should be mounted in a vertical position with the coil upright. They have flare connections M12x1,5 for 6 mm DIA copper tubes or for welding to the plant. The direction of flow should be in accordance with the arrow marked on the valve body. The direction of flow should be in accordance with the arrow marked on the valve body. When the mechanical impurities are present at the medium a proper strainer should be fitted upstream of the valve. The valve body (except of valves with low voltage coil) should be earthed.

APPLICATION:

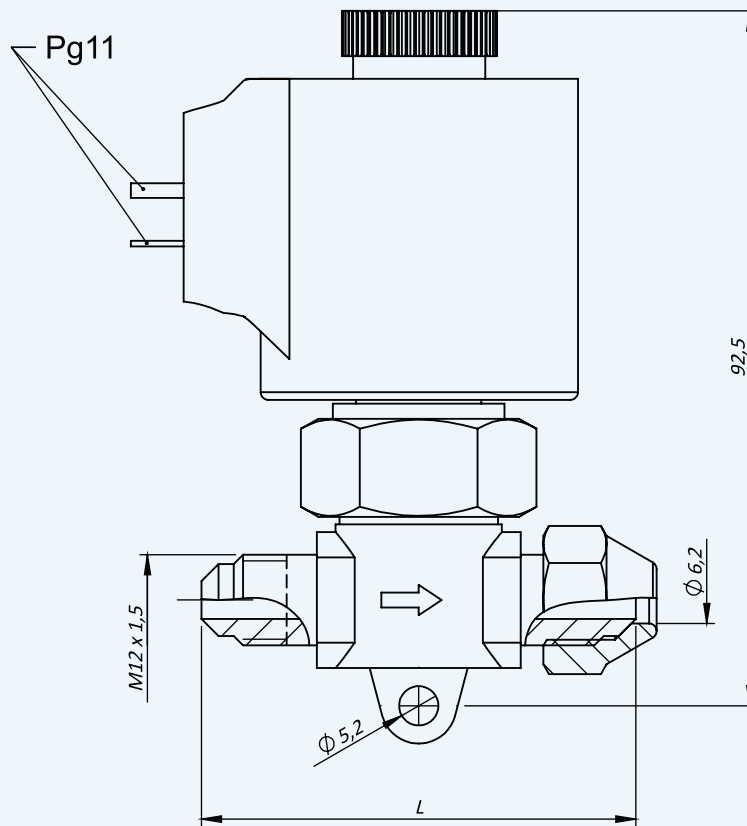
Solenoid valves type ZE-2,5; ZE-3 and ZE-4 are directly operated and can be used to control the flow in a positive, fully closed or fully open mode for refrigeration. These solenoid valves can be used for refrigerant fluids CFC, HCFC, HFC except Ammonia (NH₃).

They may be operated by a variety of electrical switches. Among them are temperature or pressure controls and time or manual switches.

Refrigeration



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There is a possibility to order the products, customized to the specific customer needs.
*rate of water flow at 1bar pressure drop across the valve

FACH code	Type	medium	Connection	L [mm]	socket [mm]	maximum pressure difference	nominal pressure PN [MPa]	Flow coefficient kV*	Voltage [V]	Power [VA]	Duty cycle
						<i>p max.</i>		[dm ³ /min.]			
0256-2041	ZE-2,5	freon	M12x1,5	58	2,5	2,5	3	2,5	230	17	continuously S1
0256-2441			∅ 6	115							
0256-2042	ZE-3		M12x1,5	58	3	2	2,5	3			
0256-2442			∅ 6	115							
0256-2043	ZE-4		M12x1,5	58	4	1,1	2,5	5			
0256-2443			∅ 6	115							