

LIQUID NITROGEN VALVES, 2/2 closed when de-energised (NC)

Ports	Orifice size [mm]	Kv value (water at 1 bar) [l/min]	Differential pressure [bar]		Valve body	Seal	Mass [kg]	Coil type	Model	Order code 230VAC	Fig.
			Min	Max AC*							
G1/4	3	3.6	0	30	Ms	PTFE	0.65	TM35	XD222	320722	1
	3	3.6	0	30	Ms	PTFE	0.52	TM35	D222	320586	2
	4.5	7.5	0	10	Ms	PTFE	0.52	TM35	D223	320772	2
G1	25	180	0.35	15	Ms	PTFE	1.51	TM35	B26C	316503	3

*Pressure is lower when DC coil is used!

VALVES FOR OTHER APPLICATIONS AVAILABLE ON REQUEST. PLEASE CONSULT OUR STAFF.

ORDERING:

Please state order code and voltage (e.g.: 320722 24VAC) or consult our staff.

For easier valve choice use QUESTIONNAIRE on page 36.

OPTIONS:

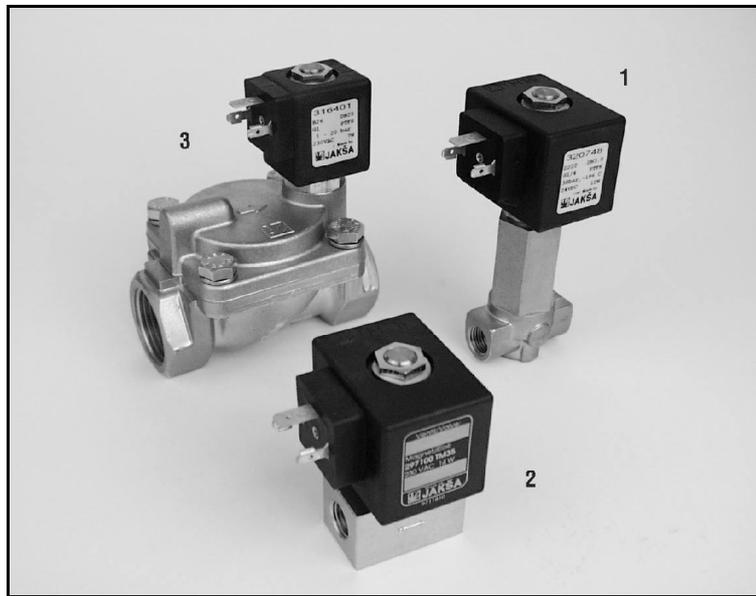
- EEx me II explosionproof coils
- NPT ports

Other versions on request.

Specifications are subject to change without notice.

TECHNICAL DATA:

Internal parts: stainless steel
 Seals: PTFE
 Fluid temperature: -196°C to +90°C
 Ambient temperature: max +50°C
 Viscosity: max 21 mm²/s
 Response time: closing 8 to 40 ms
 Voltage: 230, 115, 48, 24 V 50/60 Hz
 24, 12 V DC
 Power consumption: see chapter »Coils«
 Duty cycle: continuous (ED100%)
 Cycling rate: 10 to 100 cpm
 Electrical protection: IP65 (with plug to DIN 43650)



Dimensions [mm]

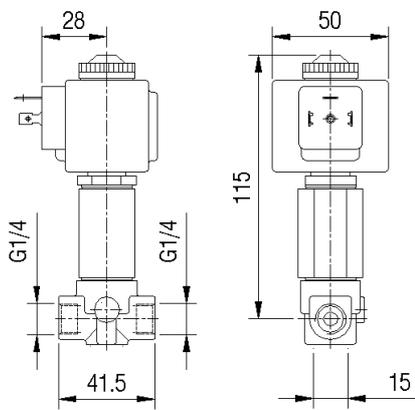


Fig. 1

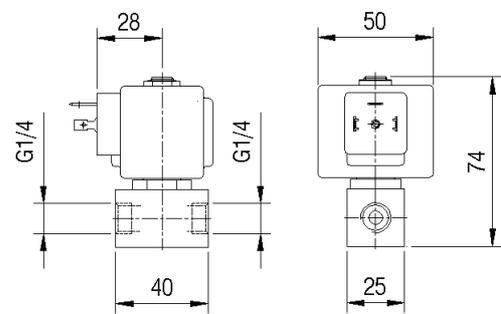


Fig. 2

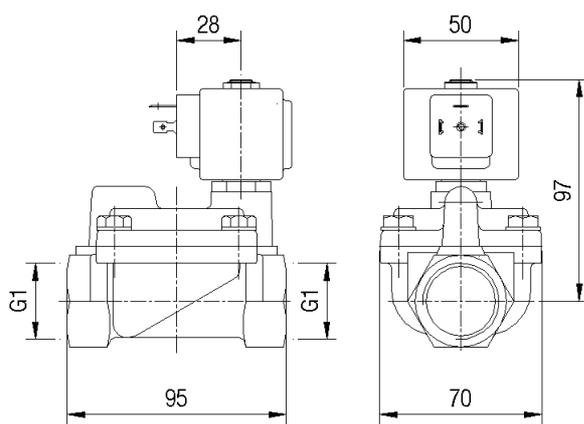


Fig. 3

