3 way vacuum solenoid valves, servo-assisted by compressed air



The solenoid valve is fitted with a 360° revolving coil encapsulated in a polyamide resin with class F 155° C fibre glass. Connection is made with an incorporated HIRSCHMANN type socket.

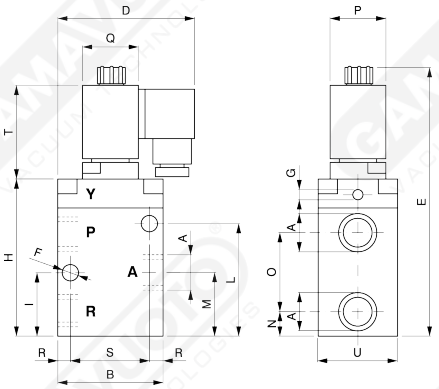
- Valve body : aluminium
- Spring: harmonic steel
- Gasket: Viton
- Absorbed power: 11 Watt
- Standard voltage supply: 24 -110 - 220 V. 50/60 Hz 110 - 48 - 24 - 12 DC 100% ED
- Working limits: rated voltage +10% -5% with hot coil.
- Working temperature of coil: -10°C +45°C
- Fluid temperature: -5°C + 60°C
- Degree of protection
- Min pressure compressed air serving 3 bar
- Max pressure of compressed air serving 8 bar
- Vacuum degree from 0 to -1 bar
- Response time: 20 ms in energization, 40 ms in de-energization



Art. ELV

NC
P OUTLET
A USE
R PUMP
Y AIR CONTROL 3:8 bar

NO
P PUMP
A USE
R OUTLET
Y AIR CONTROL 3:8 bar



Art.	AØ	Orif. Ø	B	C	D	E	FØ	GØ	H	I	L	M	N	O	P	Q	R	S	T	Capacity m^3/h
ELV/U 1/4"	1/4"	8	58.5	32	79	143	4.5	1/8"	77.5	24.5	30	36	24	23.5	30	38	10	40	52	5
ELV/U 3/8"	3/8"	10	70	35	82	158	6.5	1/8"	77.5	24.5	36	36	24	23.5	30	38	10	50	58	10
ELV/U 1/2"	1/2"	15	70	35	82	158	6.5	1/8"	87	32	51	33	16	34	30	38	10	50	58	20
ELV/U 3/4"	3/4"	19	80	50	87	190	6.5	1/8"	118	43	83	51	21	58	30	38	10	60	58	35
ELV/U 1"	1"	25	80	50	87	190	6.5	1/8"	118	43	83	51	21	58	30	38	10	60	58	90

Art. ELV/U

* A 755 mm Hg

The 3-way vacuum valves can operate as 2-way systems, with the use of a plug