

2/2-Way Piston Design - Indirect Solenoid Actuated

DESIGN FEATURES

- Port size: G1/4" ... 1"
- Orifice: DN13 ... 25
- High Flow Rate
- Long Life Time
- Compact Build Piston Valve
- Piston Guided in PTFE Rings
- For Gases and Liquid
Up to 21mm²/s (cSt)



TECHNICAL DATA

Medium:

Neutral gases and liquids

Switching Function:

Normally closed

Operation:

Indirect solenoid actuated

Mounting Position:

Optional, solenoid preferably vertical on top

Flow Direction:

Determined

Port Size:

G1/4, G3/8, G1/2, G3/4, G1

Operating Pressure:

0.1 ... 40 bar (1.45 ... 580 psi)

Fluid Temperature:

-10°C ... +80°C

Ambient Temperature:

-10°C ... +50°C

Material:

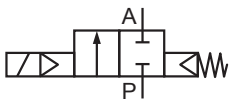
Body: Brass

Seat Seal: EPDM, NBR

Internal Parts: Stainless Steel, FPM, PTFE

For contaminated fluids insertion of a strainer is recommended.

STANDARD MODELS

Symbol	Port Size	Orifice (mm)	Flow kv value (m ³ /h)	Operating Pressure (bar)	Model Solenoid in V d.c./a.c.
	G1/4	13	3.1	0.1 ... 40	7010 000.00.7241.XXXXX
	G3/8	13	3.1	0.1 ... 40	7010 100.00.7241.XXXXX
	G1/2	13	3.1	0.1 ... 40	7010 200.00.7241.XXXXX
	G3/4	25	12.3	0.1 ... 40	7010 300.00.7241.XXXXX
	G1	25	12.3	0.1 ... 40	7010 400.00.7241.XXXXX

xxxxx Please insert voltage and frequency when ordering

Cv-value (US) ≈ kv value x 1.2

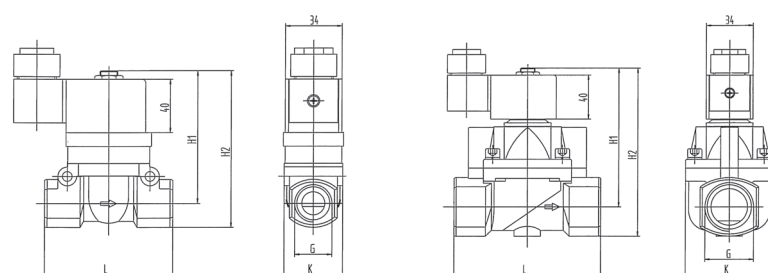
00 = Normally Closed 01 = Normally Open 02 = Manual Override

STANDARD SOLENOID SYSTEM

Voltage and Frequency Solenoid 7241					
Code Voltage	Code Frequency	Voltage	Frequency	Power Consumption Inrush	Power Consumption Holding
024	00	24 V d.c.	-	10w	10w
024	50	24 V a.c.	50 Hz	8w	8w
110	50	110 V a.c.	50 Hz	8w	8w
230	50	230 V a.c.	50 Hz	8w	8w

ELECTRICAL DETAILS

Design	DIN VDE 0580
Voltage Range	±10%
Duty Cycle	100% ED
Protection Class	Class H
Socket	From A acc. to DIN EN 175301-803



G1/4 ... G1/2

G3/4 ... G1

DIMENSION (MM)

G	L	K	H1	H2
G1/4	72	33	85	98
G3/8	72	33	85	98
G1/2	72	33	85	98
G3/4	92	60	105	128
G1	92	60	105	128