

3/2-Way Universal Direct Operated Solenoid Valve (Plunger Type)

DESIGN FEATURES

- Port size: G1/4"
- Orifice: DN1.0 ... 2.0
- High Flow Rate
- Long Life Time
- For Gases and Liquid
Up to 21mm²/s (cSt)



TECHNICAL DATA

Medium:

Liquids and pressure

Switching Function:

N. Closed or N. Open

Operation:

Direct solenoid actuated

Mounting Position:

Optional, solenoid preferably vertical on top

Flow Direction:

Determined

Port Size:

G1/4

Operating Pressure:

0 ... 20 bar (0 ... 290 psi)

Fluid Temperature:

-10°C ... +110°C

Ambient Temperature:

-10°C ... +50°C

Material:

Body: Brass

Seat Seal: FKM

Internal Parts: Stainless Steel

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	1.0	0.02	0 ... 20	2373 008-010.7241.XXXXX
	G1/4	1.6	0.06	0 ... 16	2373 008-016.7241.XXXXX
	G1/4	2.0	0.09	0 ... 10	2373 008-02.7241.XXXXX

xxxxx Please insert voltage and frequency when ordering

Cv-value (US) ≈ kv value x 1.2

Normally Closed

P = Inlet

A = Working

R = Exhaust

Normally Open

R = Inlet

A = Working

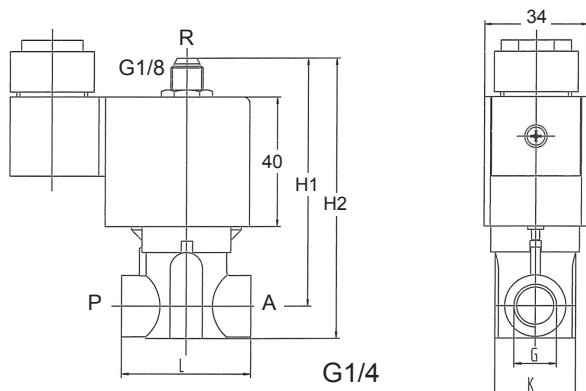
P = Exhaust

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



DIMENSION (MM)

G	L	K	H1	H2
G1/4	40	25	77	87