

Solenoid valve 2/2 way N.C. Combined operation

21H11K0V120
÷
21H14K0V250-S

PRESENTATION:

Combined operation S.V. for interception of fluids compatible with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests undertaken ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 3/8 - G 1

COILS:

8W - Ø 13	
BDA - BSA	155°C (class F)
BDV	180°C (class H)
12W - Ø 13	
UDA	155°C (class F)
14W - Ø 13	
GDH - GDV	180°C (class H)

**COIL HOUSING AND COIL FORMER MATERIAL ARE
MADE BY 100% VIRGIN MATERIAL.**

Max. allowable pressure (PS)

G 3/8 - G 1/2 20 bar

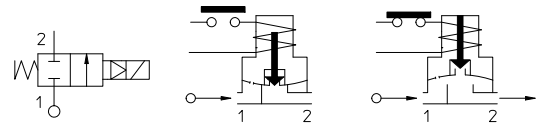
G 3/4 - G 1 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperatur		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oil
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
E=EPDM (ethylene-propylene)	- 10°C	+140°C	Water, low pressure steam



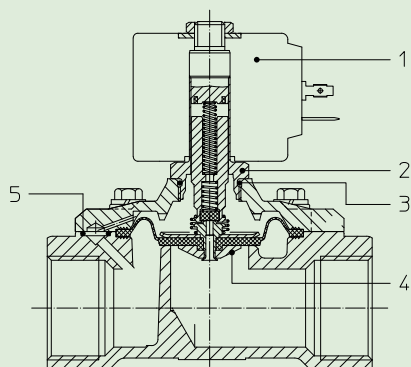
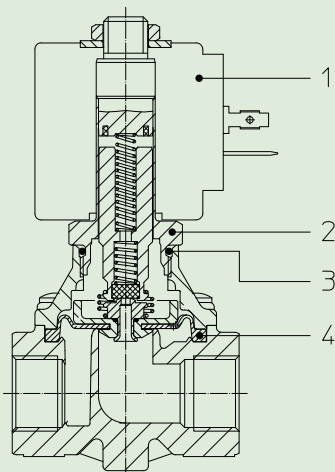
For seals other than FKM replace the letter "V" with the ones corresponding to the other seals. E.I. 21H11K0B120.

Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv	Power	Pressure		
		cSt	°E				min	M.O.P.D.	
					bar	AC bar	DC bar		
G 3/8	21H11K0V120	12	~ 2	12	28	8	0	16	1,5
						12		20	6
						14			15
G 1/2	21H12K0V120				32	8		16	1,5
						12		20	6
						14			15
G 3/4	21H13K0V190			19	70	8		5	-
						12		12	
						14		15	
	* 21H13K0V190-S				65	12		-	1,5
						14		6	
G 1	21H14K0V250			25	105	8		5	-
						12		12	
						14		15	
	* 21H14K0V250-S				95	12		-	1
						14		6	

Note

* For DC only.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notification.



MATERIALS:

Body
Welded armature tube
Fixed core
Plunger
Phase displacement ring
Spring
Seal

Brass - UNI EN 12165 CW617N
 Stainless steel AISI series 300
 Stainless steel AISI series 400
 Stainless steel AISI series 400
 Copper - Cu 99,9%
 Stainless steel AISI series 300
 Standard: V=FKM
 On request: B=NBR E=EPDM
 Brass - UNI EN 12165 CW617

Orifice

On request:
Connector
Connector conformity

Pg 9 or Pg 11
 ISO 4400

FEATURES:

Electrical conformity
Protection degree

IEC 335
 IP 65 EN 60529 (DIN 40050)
 with coil fitted by connector.

SPARE PARTS:

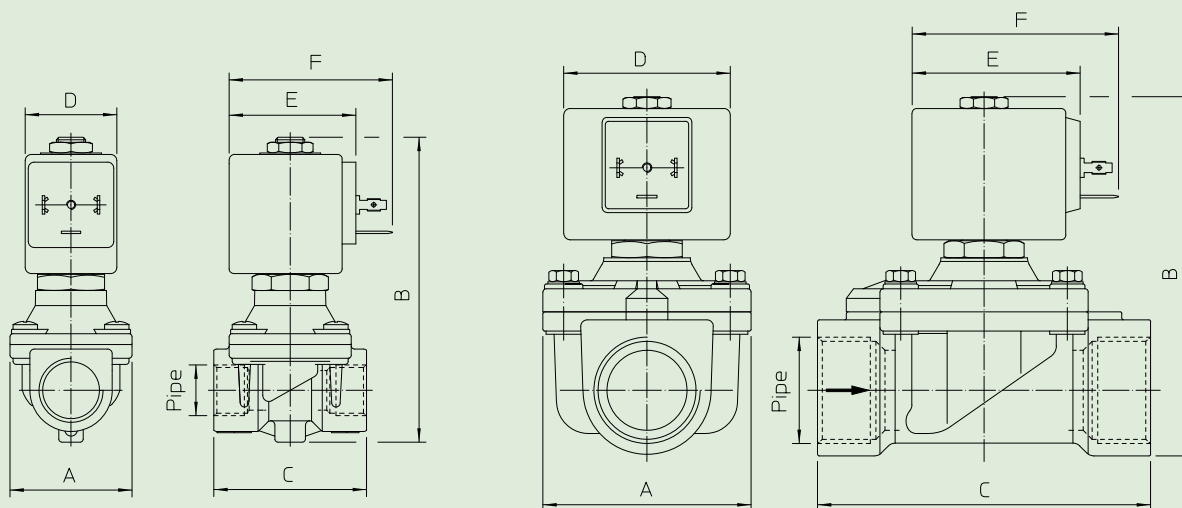
- 1. Coil:**
See coils list
- 2. Complete armature tube without gasket:**
Code R450603
- 3. Gasket O-Ring :**
Code R990000/V
- 4. Complete diaphragm with plunger:**
G 3/8 -G 1/2 Code R452127/V
G 3/4 -G 1 Code R452128/V

- 5. Gasket O-Ring :**
G 3/4-G 1 Code R990002/

MAINTENANCE KIT:

G 3/8÷G 1/2
 KTG11K0V12=4
 G 3/4÷G 1
 KTG13K0V19=4+5

DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21H11K0V120	G 3/8	40	100	50
21H12K0V120	G 1/2			
21H13K0V190	G 3/4	65	105	104
21H14K0V250	G 1		112	

COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
B	8	14,5	25	30	42	54
U	12	23	35	36	48	60
G	14	27	43	52	55	67