



# Solenoid valve 2/2 way N.C. With pilot control

21H8K0V120-N

## PRESENTATION:

S.V. with pilot control for interception of fluids compatible with the construction materials.

A minimum operational pressure of 0,1 bar is required.

The materials used and the tests carried out ensure maximum reliability and duration.

**USE:** Automation  
Heating

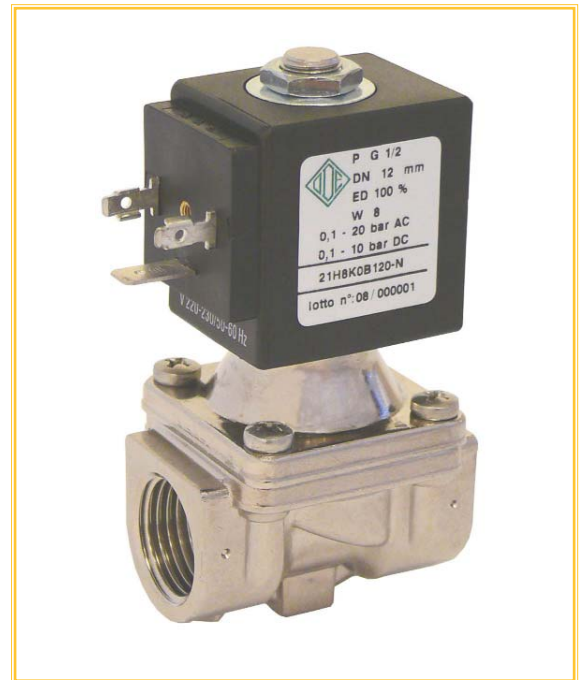
**PIPES:** G 1/2

**COILS:**

8W - Ø 13	
BDA -BDS - BSA	155°C (class F)
BDP	160°C (high temperature)
BDF	180°C (class H)
SDH	180°C (class H)
12W - Ø 13	
UDA	155°C (class F)
14W - Ø 13	
GDH	180°C (class H)

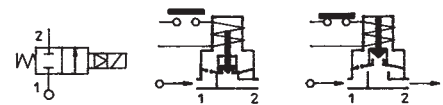
**MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.**

Max. allowable pressure (PS) 20 bar  
 Environment temperature:  
 with class **F** or high temperature coils - 10°C + 60°C  
 with class **H** coil - 10°C + 80°C



Gaskets	Temperature		Medium
	- 10°C	+140°C	
<b>V</b> =FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oils
<b>B</b> =NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
<b>E</b> =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. 21H8K0**B**120-N..



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power (watt)	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 1/2	21H8K0V120-N	12	~ 2	12	45	8	0,1	20	10
						12			20
						14			20

SPECIAL ITEM-NOT STANDARD

## Note

Available on request and with minimum quantities.

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

### MATERIALS:

<b>Body (Nickel-plated)</b>	Brass - UNI EN 12165 CW617N
<b>Welded armature tube</b>	Stainless steel AISI series 300
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Gold - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	V=FKM
<b>Orifice</b>	Brass - UNI EN 12165 CW617N

### On request:

<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

### FEATURES:

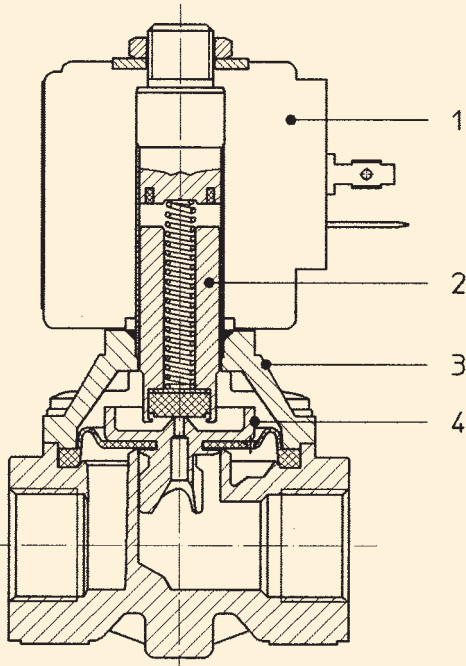
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

### SPARE PARTS:

1. **Coil:**  
See coils list
2. **Complete plunger:**  
Code R451284/V
3. **Complete cover with armature tube:**  
Code R450938/N
4. **Complete diaphragm:**  
Code R450916/V/N

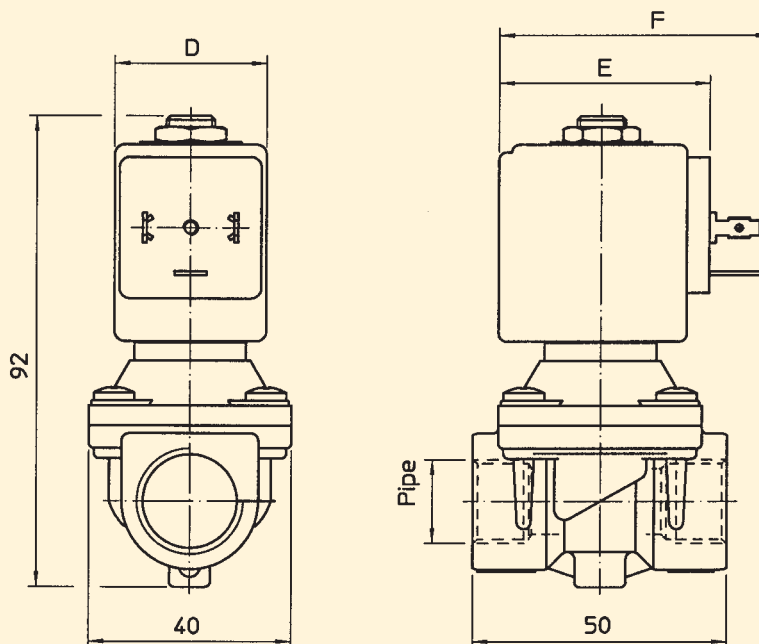
### KIT:

KTG0H7KV12-N=2+4



## SPECIAL ITEM-NOT STANDARD

### DIMENSIONS:



Type	Pipe ISO 228/1
21H8K0V120-N	G 1/2

COIL W ==	POWER ABSORPTION		TYPE	DIMENSIONS		
	Inrush VA ~	Hold VA ~		D mm	E mm	F mm
8 W	25	14,5	B	30	42	54
			S	32		
12 W	35	25	U	36	48	60
14 W	43	27	G	52	55	67