



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)

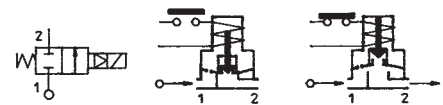
MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

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	
V =FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E), gasoline gas oils
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. 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:

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

On request:

Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

FEATURES:

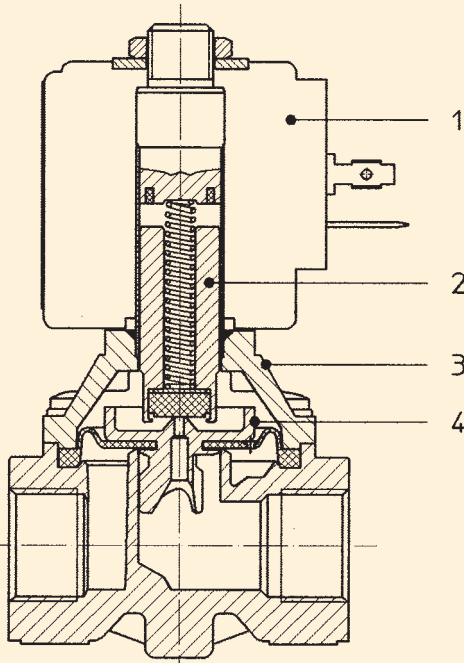
Electrical conformity	IEC 335
Protection degree	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

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

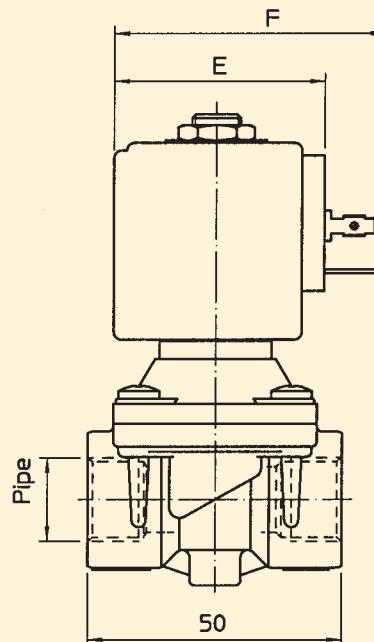
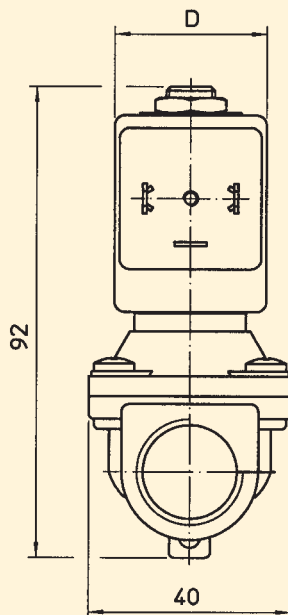
KIT:

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