



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

21H7KV120

÷

21H8KV120

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 3/8 - G 1/2

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) 20 bar

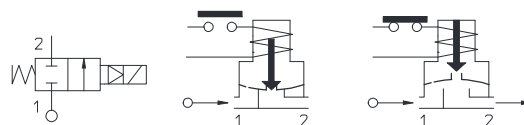
Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
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. 21H7KE120.



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min	M.O.P.D.	
							bar	AC bar	DC bar
G 3/8	21H7KV120	12	~ 2	12	35	8	0,1	20	10
						12			20
						14			20
G 1/2	21H8KV120				45	8			10
						12			20
						14			

MATERIALS:

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

On request:

Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

FEATURES:

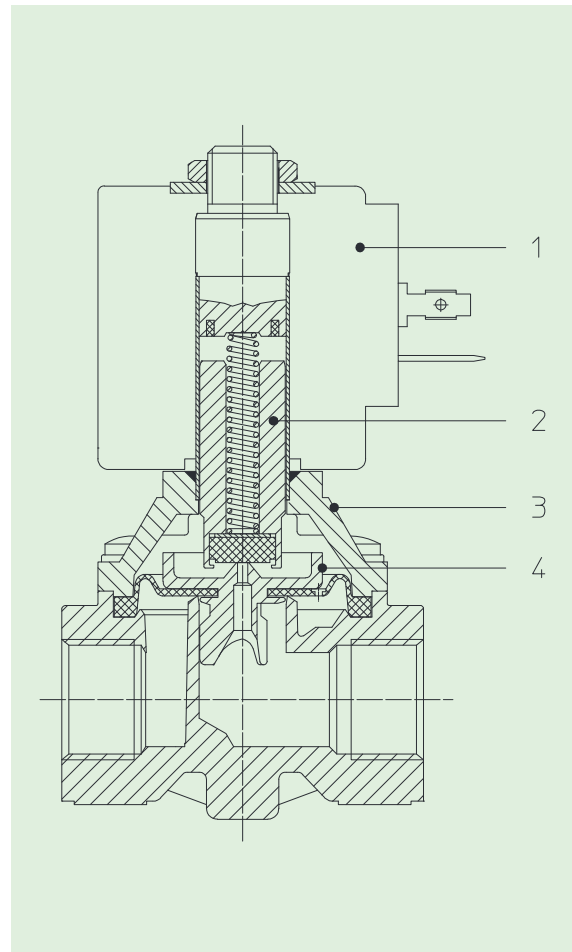
Electrical conformity	IEC 335
Protection degree	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

SPARE PARTS:

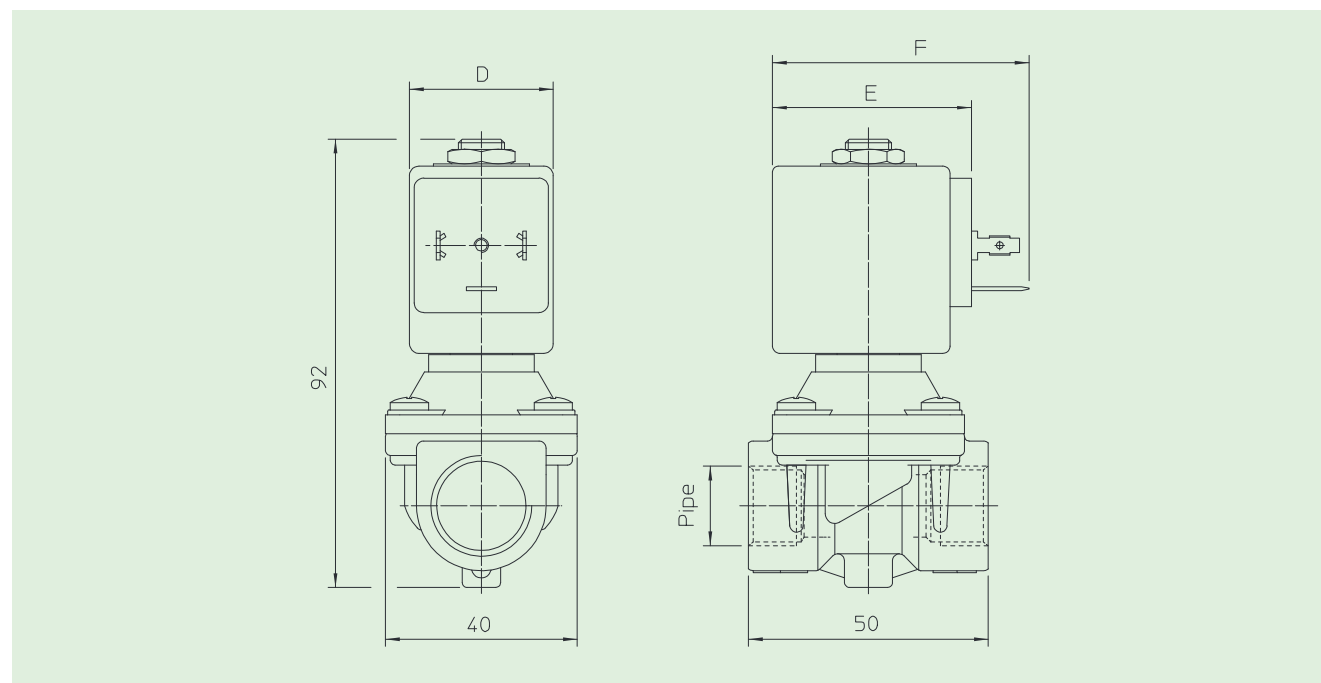
- Coil:**
See coils list
- Complete plunger:**
Code R451284/V
- Complete cover with armature tube:**
Code R450938
- Complete diaphragm:**
Code R450916/V

MAINTENANCE KIT:

KTG0H7KV12=2+4



DIMENSIONS:



Type	Pipe ISO 228/1
21H7KV120	G 3/8
21H8KV120	G 1/2

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