Solenoid valve 2/2 way N.C.
Direct acting

21A3K*V*15 ÷ 21A2K*V*55

PRESENTATION:

Direct acting S.V. for interception of fluids compatible with the construction materials.
Minimum operational pressure is not required.
The materials used and the tests carried out ensure maximum reliability and duration.

USE: Automation
Heating

PIPES: G 1/8 - G 1/4

COILS:

8W -Ø 13 (1)

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)

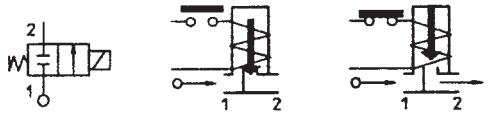
(1) Explosion-proof housing for coils with electrical connections EN 175301-803 on request.

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (7°E)
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
E=EPDM (ethylene-propylene)	- 10°C	+140°C	Water, steam

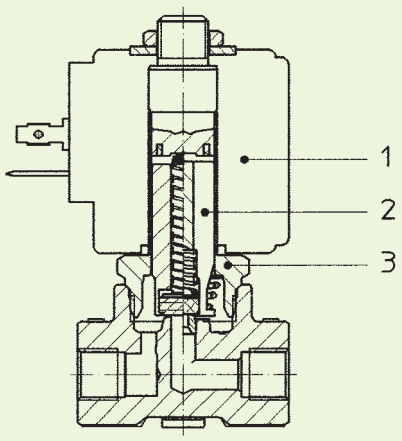
For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21A2K**E**20.

Max. allowable pressure (PS) 40 bar
Environment temperature:
with coil class **F** and high temperature - 10°C + 60°C
with coil class **H** - 10°C + 80°C



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/min	(watt)	bar	AC bar	DC bar
G 1/8	21A3K**V**15	12	~ 2	1,5	1,4	8	0	30	18
	21A3K**V**20	37	~ 5	2	2	8		22	16
						12		35	30
						14			
	21A3K**V**25	53	~ 7	2,5	3,2	8		14	9
						12		30	25
						14			
	21A3K**V**30			3	4	8		10	6
						12		25	18
						14			20
	21A3K**V**45			4,5	6,5	8		5	2
						12		12	7
						14			8
G 1/4	21A2K**V**15	12	~ 2	1,5	1,4	8		30	18
	21A2K**V**20	37	~ 5	2	2	8		22	16
						12		35	30
						14			
	21A2K**V**25	53	~ 7	2,5	3,2	8		14	9
						12		30	25
						14			
	21A2K**V**30			3	4	8		10	6
						12		25	18
						14			20
	21A2K**V**45			4,5	6,5	8		5	2
						12		12	7
						14			8
	21A2K**V**55			5,5	9	8		3	1
						12		7	2,5
						14		10	5

Note Also available with brass body without lead.



MATERIALS:

Body	Brass - UNI EN 12165 CW617N
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:	
≤ 3 mm **Insert slot**	Stainless steel AISI series 300
> 3 mm	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.

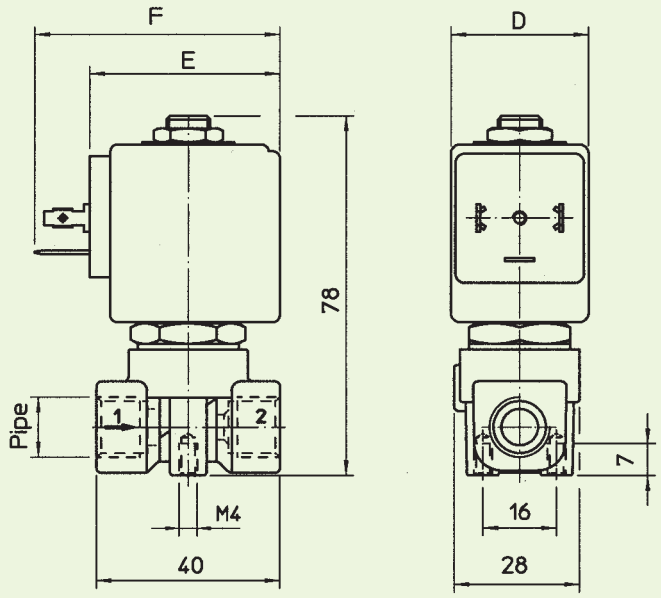
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   For orifice ≤ 3 mm
   Code R450886/***V***
   For orifice > 3 mm
   Code R450898/***V***
3. **Complete armature tube:**
   Code R450606

KIT:

≤ 3 mm
KT130K***V***30-A=***2+3***
> 3 mm
KT130K***V***55-A=***2+3***

DIMENSIONS:



Type	Pipe ISO 228/1
21A3K**V**	G 1/8
21A2K**V**	G 1/4

COIL	POWER ABSORPTION		TYPE	DIMENSIONS		
W ⎓	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