



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

21A3KV15

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21A2KV55

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.



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

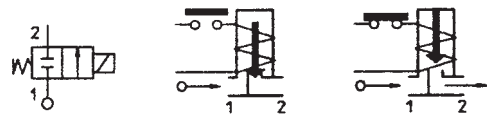
For seals other than FKM replace the letter "V" with the ones corresponding to the other seals. E.I. 21A2KE20.

Max. allowable pressure (PS) 40 bar

Environment temperature:

with coil class F and high temperature - 10°C + 60°C

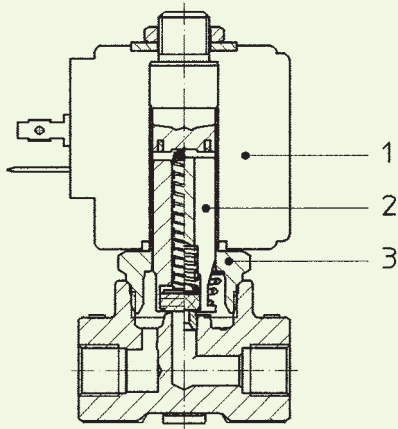
with coil class H - 10°C + 80°C



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/min	Power (watt)	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 1/8	21A3KV15	12	~ 2	1,5	1,4	8	0	30	18
								22	16
	21A3KV20	37	~ 5	2	2	12		35	30
								14	9
	21A3KV25	53	~ 7	2,5	3,2	8		14	9
								12	30
	21A3KV30	53	~ 7	3	4	8		10	6
								12	18
	21A3KV45	53	~ 7	4,5	6,5	8		25	20
								14	5
	21A2KV15	12	~ 2	1,5	1,4	8		5	2
								12	7
21A2KV20	37	~ 5	2	2	12	12	8		
						14	3		
21A2KV25	53	~ 7	2,5	3,2	8	7	1		
						12	8		
21A2KV30	53	~ 7	3	4	8	3	1		
						12	7		
21A2KV45	53	~ 7	4,5	6,5	8	7	2,5		
						14	10		
21A2KV55	9	~ 7	5,5	9	8	3	1		
						12	7		
21A2KV55	9	~ 7	5,5	9	14	7	2,5		
						10	5		

Note Also available with brass body without lead.

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



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.

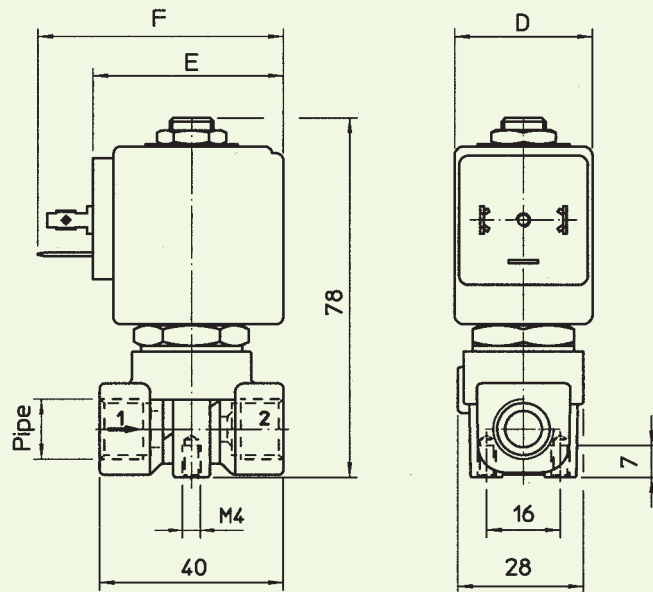
SPARE PARTS:

- 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
KT130KV30-A=2+3
- > 3 mm
KT130KV55-A=2+3

DIMENSIONS:



Type	Pipe ISO 228/1
21A3KV	G 1/8
21A2KV	G 1/4

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