

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

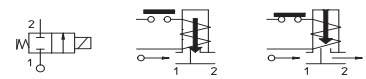
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

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 others corresponding to the other seals. E.I. 21A2KE20.

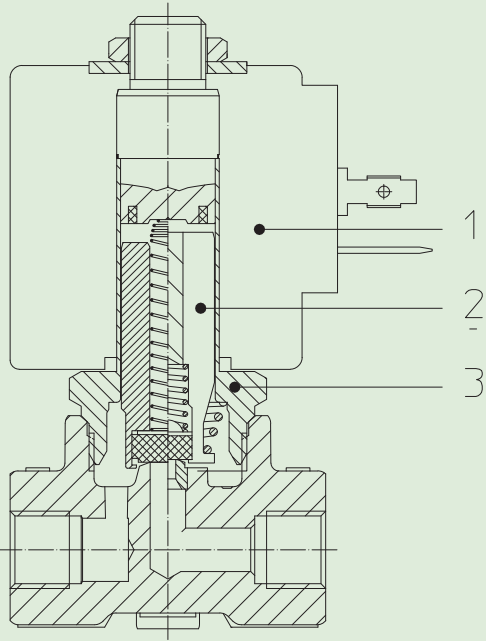


Max. allowable pressure (PS) 40 bar
Max. ambient temperature:
See coils catalogue page for its compatibility.



Pipe ISO 228/1	Code	Max viscosity cSt	Ø mm	Kv l/mn	Power watt	Pressure							
						min bar	M.O.P.D. AC bar DC bar						
G 1/8	21A3KV10	27	1	0,45	8	0	35	35					
	21A3KV15				12								
	21A3KV20	37	2	8	30				18				
	21A3KV25			14	22				16				
	21A3KV30	53	3	8	35				30				
	21A3KV40			12	14				9				
	21A3KV45	53	4,5	8	30				25				
	21A3KV50			12	14				6				
	G 1/4	21A2KV10	12	1	0,45				8	0	35	35	
		21A2KV15							12				
		21A2KV20	37	2	8				30				18
		21A2KV25			14				22				16
21A2KV30		53	3	8	35	30							
21A2KV40				12	14	9							
21A2KV45		53	4,5	8	30	25							
21A2KV50				12	14	6							
21A2KV55		53	5,5	8	10	6							
21A2KV60				12	14	25	18						
21A2KV65		53	9	8	5	2							
21A2KV70				12	14	12	7						
21A2KV75	53	9	8	3	1								
21A2KV80			12	14	7	2,5							
21A2KV85	53	9	8	10	5								
21A2KV90			12	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: Pg 9 or Pg 11
Connector ISO 4400
Connector conformity

FEATURES:

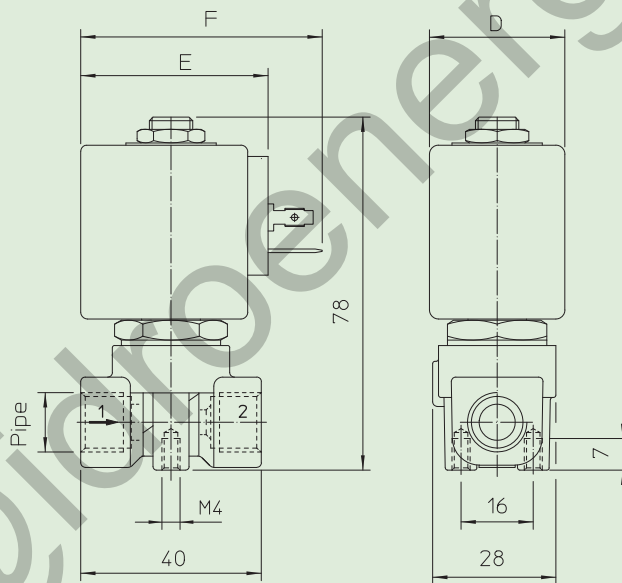
Electrical conformity IEC 335
Protection degree IP 65 EN 60529 (DIN 40050)
 with coil fitted by connector.

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 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

21A3KV10 ÷ 21A2KV55

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