



the solenoid valve can be disassembled with a 22 wrench and can therefore be repaired. Gaskets to be chosen from VITON-EPDM-BUNA-TEFLON solenoid valve - normally closed 1/8"-1/4" - By simply replacing the plunger, the valve becomes new again. Click here for spare parts

21A3KV10
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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 - 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.

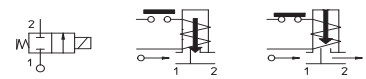
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

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
T=PTFE (politetrafluoroetilene)	*	+180°C	Hot water, steam

*For proper operation of the solenoid valve the temperature minimum must not be lower than + 60 ° C; not to compromise At the life of the membrane, steam filtering is recommended.



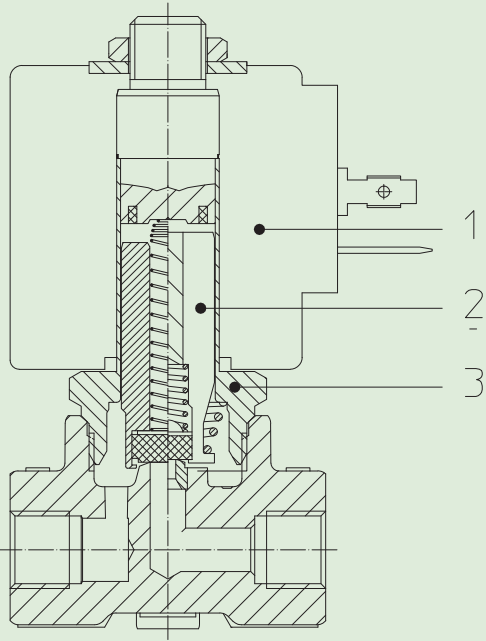
Max. allowable pressure (PS) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.



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

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 1/8	21A3KV10	12	~ 2	1	0,45	8	0	35	35	
	21A3KV15					12				30
	21A3KV20	37	~ 5	2	2	8		22	16	
						12		35	30	
	21A3KV25	53	~ 7	2,5	3,2	14		14	9	
						8		30	25	
	21A3KV30	53	~ 7	3	4	8		10	6	
						12		25	18	
	G 1/4	21A2KV10	12	~ 2	1	0,45		14	20	20
								8	5	2
		21A2KV15	37	~ 5	1,5	1,4		8	12	7
								12	12	8
21A2KV20		53	~ 7	2	2	14	3	1		
						8	7	2,5		
21A2KV25	53	~ 7	2,5	3,2	8	10	5			
					12	7	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:

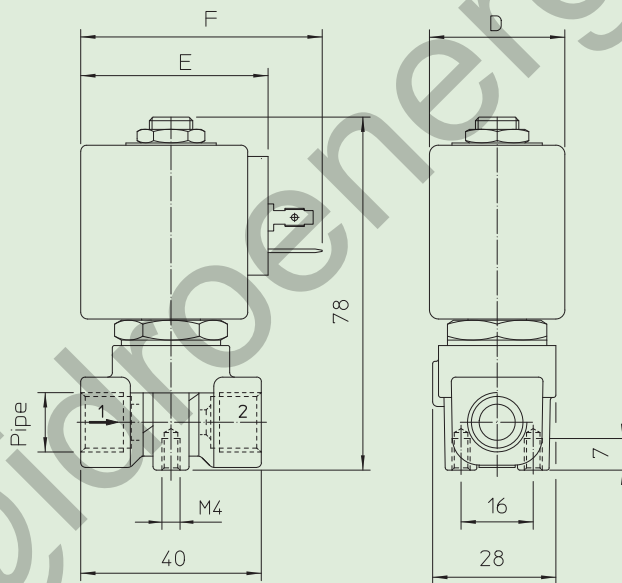
Electrical conformity IEC 335
Protection degree IP 65 EN 60529 (DIN 40050)
 with coil fitted by connector.

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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IDROENERGIAITALIA

Master distributor ODE

Sede Legale (Registered Office): 00195 Roma (RM) Via Carlo Mirabello, 14

Ufficio Commerciale e sede logistica (Commercial and Logistic Office): 73100 Lecce (LE) - Via Parini, 48

Tel: +39 0832090005 - e-mail: info@idroenergiaitalia.it - negozio@elettrovalvole.info