



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

21AN1ZV15D
÷
21AN2ZV55G

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: 1/8 NPT - 1/4 NPT

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)

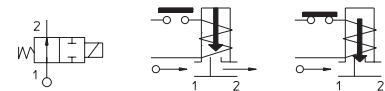


COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

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

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. 21A3ZB20D.



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	
1/8 NPT	21AN1ZV15D	12	~ 2	1,5	1,4	8	0	25	25
	21AN1ZV20D	37	~ 5	2	2	12		20	20
	21AN1ZV20G					14		30	30
	21AN1ZV25D	53	~ 7	2,5	3,2	8		14	14
	21AN1ZV25G					12		17	17
	21AN1ZV30D					14		10	10
	21AN1ZV30G					8		15	15
	21AN1ZV45D					12		4	4
	21AN1ZV45G					14		6	-
	1/4 NPT	21AN2ZV15D	12	~ 2	1,5	1,4		8	25
21AN2ZV20D		37	~ 5	2	2	12	20	20	
21AN2ZV20G						14	30	30	
21AN2ZV25D		53	~ 7	2,5	3,2	8	14	14	
21AN2ZV25G						12	17	17	
21AN2ZV30D						14	10	10	
21AN2ZV30G						8	15	15	
21AN2ZV45D						12	4	4	
21AN2ZV45G						14	6	-	
21AN2ZV55D		5,5	9	5,5	9	8	2,5	2,5	
21AN2ZV55G						12	3,5	-	
							14	3,5	3,5

Note Also available with brass body without lead.

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

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

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:

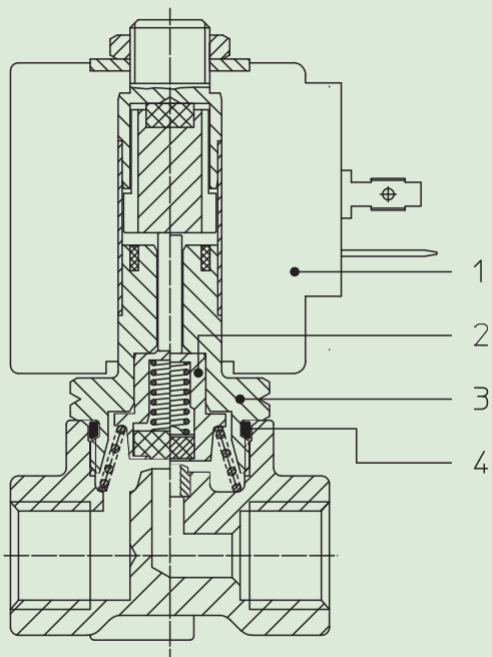
Electrical conformity IEC 335
Protection degree IP 65 EN 60529 (DIN 40050)
 with coil fitted by connector.

SPARE PARTS:

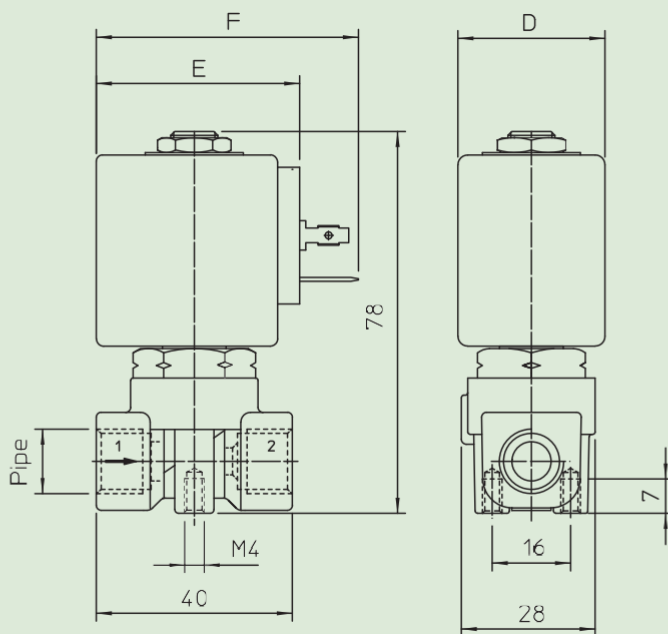
- 1. Coil:**
See coils list
- 2. Complete diaphragm support:**
For orifice ≤ 3 mm
8W Code R450788/V
12W - 14W Code R450788/V14
For orifice > 3 mm
8W Code R450786/V
12W - 14W Code R450786/V14
- 3. Complete armature tube without gasket:**
Code R450573
- 4. Gasket O-Ring:**
Code R990000/V

KIT:

- Orifice ≤ 3 mm
8W
KT130Z V30-F=2+3+4
12W - 14W
KT130Z V30-G=2+3+4
- Orifice > 3 mm
8W
KT130Z V55-F=2+3+4
12W - 14W
KT130Z V55-G=2+3+4



DIMENSIONS:



Type	Pipe ISO 228/1
21AN1ZV	1/8 NPT
21AN2ZV	1/4 NPT

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