



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

21T1BV17-F

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21T2BV40-F

### 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  
BDA - BDS - BSA 155°C (class F)  
BDF - BDV 180°C (class H)

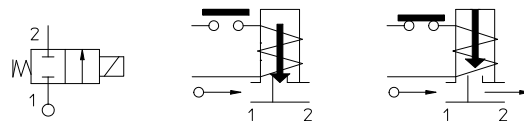
**MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.**

Max. allowable pressure (PS) 30 bar  
Ambient temperature:  
with coil class F - 10°C + 60°C  
with coil class H - 10°C + 80°C



Gaskets			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

For seals other than FKM replace the letter "V" with the ones corresponding to the other seals. E.I. 21T1BB17-F.



Pipe ISO 228/1	Code	Max viscosity		Ø  mm	Kv  l/mn	Power  (watt)	Pressure		
		cSt	°E				min	M.O.P.D.	
						bar	AC bar	DC bar	
G 1/8	21T1BV17-F	37	~ 5	1,7	1,5	8	0	30	15
	21T1BV22-F			2,2	2,1			20	10
	21T1BV28-F	53	~ 7	2,8	3,5			12	6
	21T1BV40-F			4	5			6	2
G 1/4	21T2BV17-F	37	~ 5	1,7	1,5			30	15
	21T2BV22-F			2,2	2,1			20	10
	21T2BV28-F	53	~ 7	2,8	3,5			12	6
	21T2BV40-F			4	5			6	2

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

## MATERIALS:

<b>Body</b>	Brass - UNI EN 12165 CW617N
<b>Incorporated armature tube</b>	Brass - UNI EN 12165 CW617N
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Copper - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: V=FKM On request: B=NBR
<b>Orifice</b>	Brass - UNI EN 12165 CW617N

## On request:

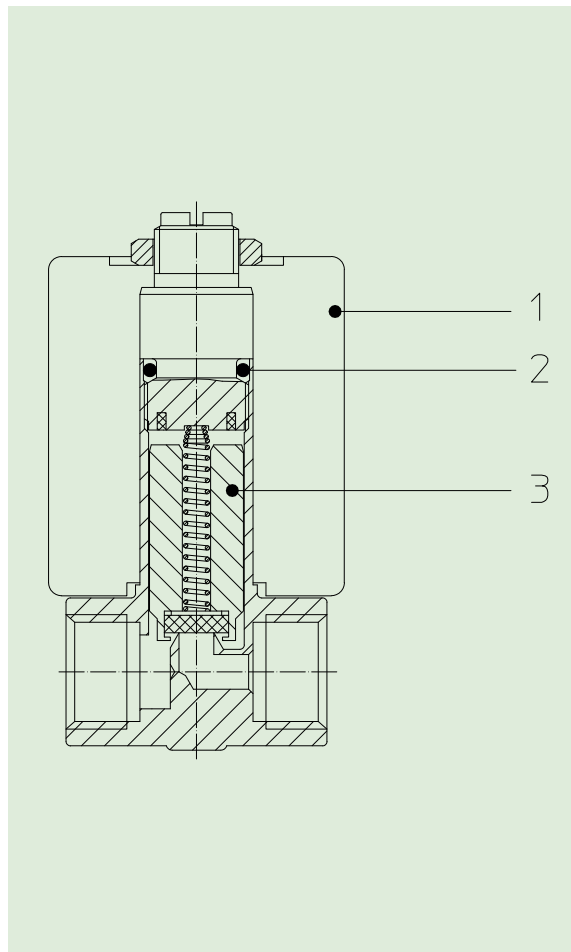
<b>Connector</b>	Pg 9 or Pg 11
<b>Connector conformity</b>	ISO 4400

## FEATURES:

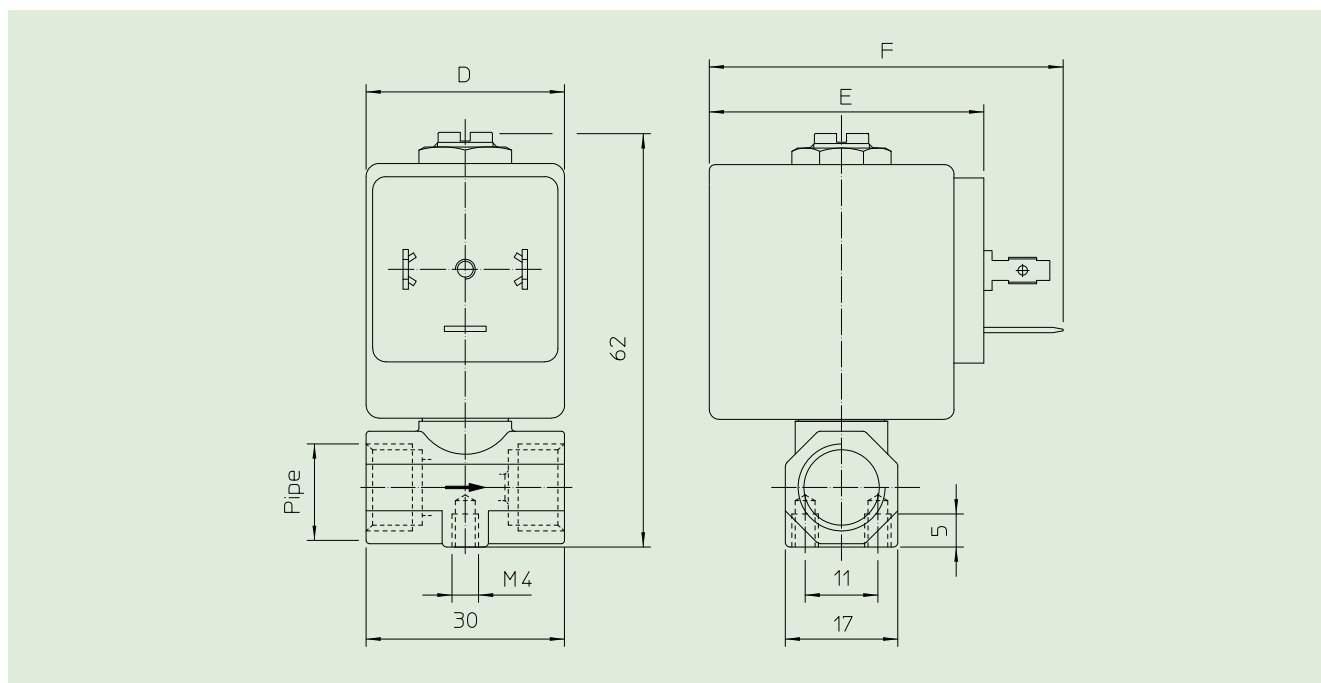
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector

## SPARE PARTS:

- Coil:**  
See coils list
- Gasket O-Ring:**  
Code R990023/V
- Complete plunger:**  
Code R450768/V



## DIMENSIONS:



Type	Pipe ISO 228/1
21T1BV....-F	G 1/8
21T2BV....-F	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