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

21T1B*V*17-F ÷ 21T2B*V*40-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

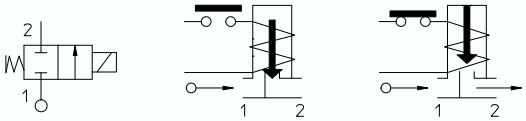
BDA - BDS - BSA	155°C	(class F)
BDP	160°C	(high temperature)
BDF - BDV	180°C	(class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

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

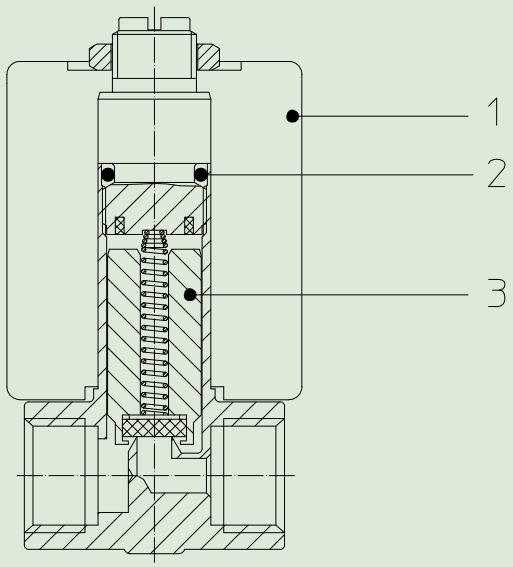
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (7°E)
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water

For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21T1B**B**17-F.



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
G 1/8	21T1B**V**17-F	37	~ 5	1,7	1,5	8	0	30	15
	21T1B**V**22-F			2,2	2,1			20	10
	21T1B**V**28-F	53	~ 7	2,8	3,5			12	6
	21T1B**V**40-F			4	5			6	2
G 1/4	21T2B**V**17-F	37	~ 5	1,7	1,5			30	15
	21T2B**V**22-F			2,2	2,1			20	10
	21T2B**V**28-F	53	~ 7	2,8	3,5			12	6
	21T2B**V**40-F			4	5			6	2

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



MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Incoporated armature tube	Brass - UNI EN 12165 CW617N
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	Brass - UNI EN 12165 CW617N
On request:	
Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

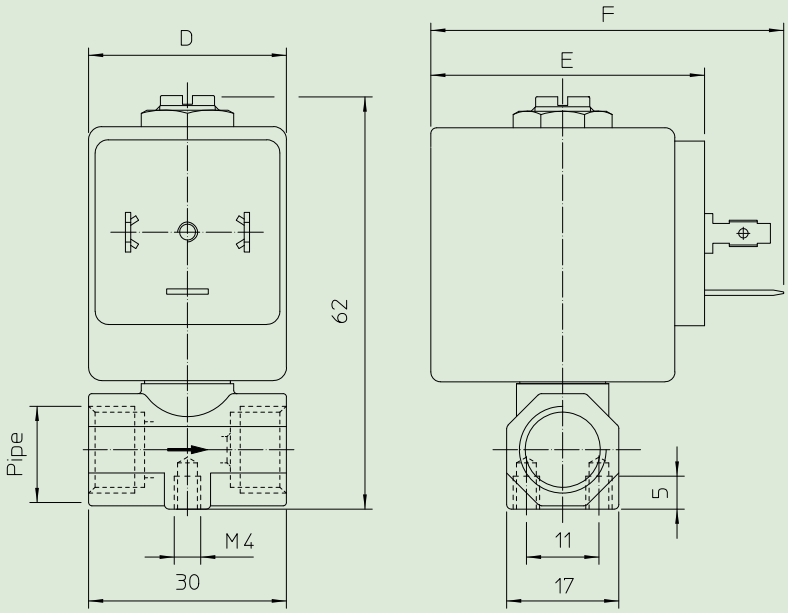
FEATURES:

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. **Gasket O-Ring:**
   Code R990023/***V***
3. **Complete plunger:**
   Code R450768/***V***

DIMENSIONS:



Type	Pipe ISO 228/1
21T1B**V**....-F	G 1/8
21T2B**V**....-F	G 1/

COIL	POWER ABSORPTION		TYPE	DIMENSIONS		
W ⎓	Inrush VA ~	Hold VA ~		D mm	E mm	F mm
8 W	25	14,5	B	30	42	54