



# Solenoid valve 2/2 way N.O. Combined operation

21HT3Z0V110-OX  
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21HT5Z0V160-OX

## PRESENTATION:

Combined operation S.V. for interception of fluids compatibles with the construction materials.  
Minimum operational pressure is not required.  
The materials used and the tests carried out ensure maximum reliability and duration.  
Components, in contact with fluid, oils and greases free and compatible with oxygen for Industrial use.

**USE:** Automation  
Chemical

**PIPES:** G 3/8 - G 3/4

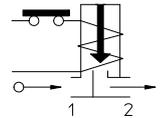
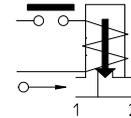
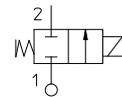
**COILS:** 8W - Ø13  
BDA - BSA 155°C (class F)  
BDV 180°C (class H)

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

Max. allowable pressure (PS) 16 bar  
Ambient temperature:  
See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 60°C	Oxygen



Pipe ISO 228/1	Code	Ø mm	Kv l/mn	Power watt	Pressure		
					min bar	M.O.P.D. AC bar DC bar	
G 3/8	21HT3Z0V110-OX	11	20	8	0	10 *	10
G 1/2	21HT4Z0V160-OX	16	40				
G 3/4	21HT5Z0V160-OX						



## Note

\* To use in AC, the DC coil will be supplied with a rectifier bridge | Don't use as a safety Valve.

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>Armature tube</b>	Stainless steel AISI series 300
<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>	V=FKM (compatible with O <sub>2</sub> )
<b>Orifice</b>	Brass - UNI EN 12165 CW617N

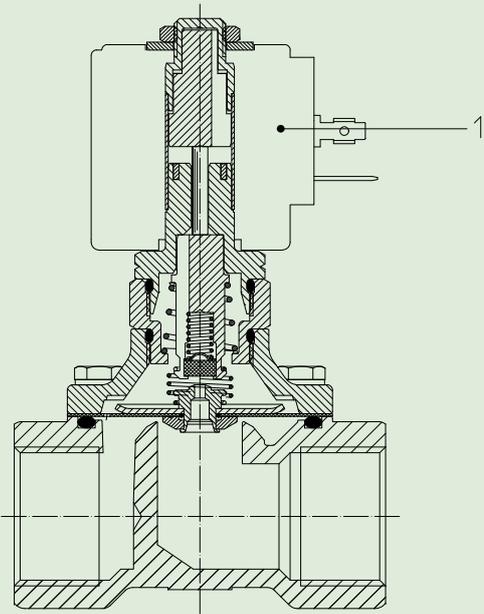
<b>On request:</b>	Pg 9 or Pg 11
<b>Connector</b>	ISO 4400
<b>Connector conformity</b>	

### FEATURES:

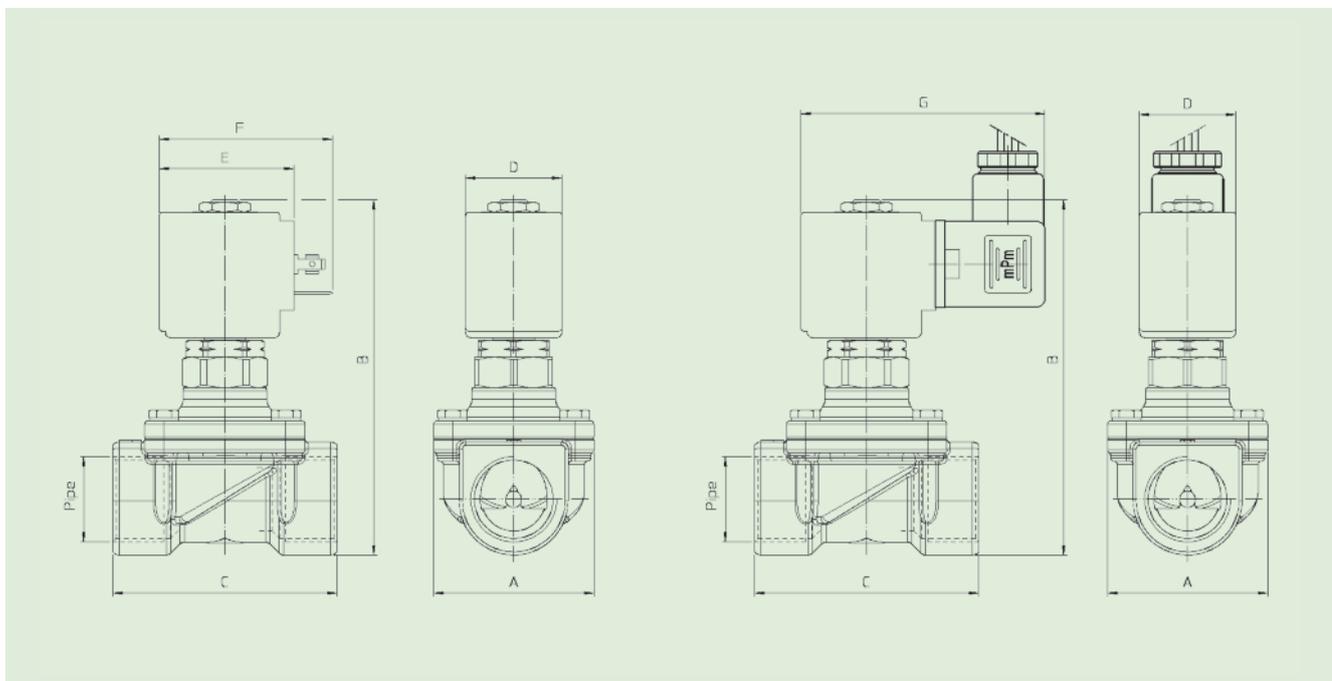
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

### SPARE PARTS:

- Coil:**  
See coils list



### DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21HT3Z0V110-OX	G 3/8	50	101	56
21HT4Z0V160-OX	G 1/2		112	70
21HT5Z0V160-OX	G 3/4			

COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
B	8	14,5	25	30	42	54	76