



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

21IH6K1F250-LT

## PRESENTATION:

Combined operation 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.  
Solenoid valve designed and manufactured specifically to be used in low ambient temperature and fluid conditions.

**USE:** Automation, Heating  
Chemistry

**PIPES:** G 1

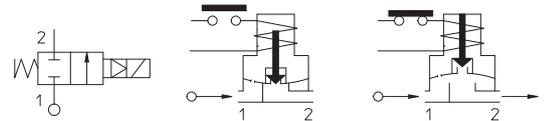
**COILS:** 8W - Ø 13  
BDV 180°C (class H)

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

Max. allowable pressure (PS) 16 bar  
Ambient temperature:  
lower range: - 40°C  
higher range: See coils catalogue page for its compatibility.



Gaskets	Temperature		Fluidi
	- 40°C	+130°C	
FLT=H-NBR for low temperatures (hydrogenated nitrile)			Water, air, inert gas, glycol



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	21IH6K1F250-LT	12	~ 2	25	140*	8	0	14	3

## Note

\* WARNING: possible reduction of the range (approximately with the rate of 15%) in low temperature ambient conditions and the fluid | And 'advisable to mount the solenoid valve so as to ensure that the coil remains Semra facing upwards | Available on request and with minimum quantities.

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

### MATERIALS:

<b>Body</b>	Stainless steel AISI 316
<b>Armature tube</b>	Stainless steel AISI 316
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Gold plated copper
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	FLT=H-NBR
<b>Orifice</b>	Stainless steel AISI 316

### On request:

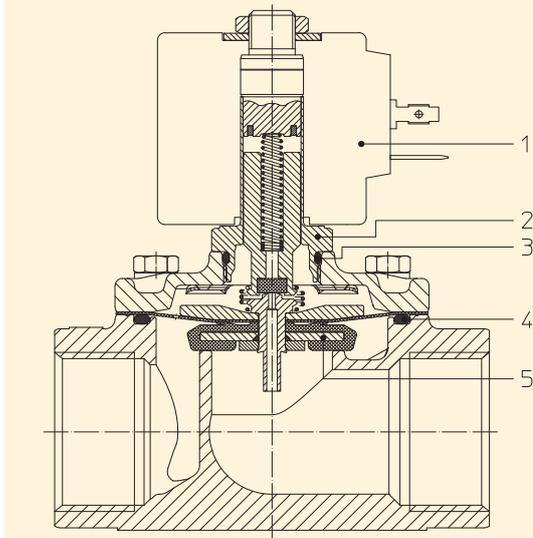
<b>Connector</b>	Pg 9 o Pg 11
<b>Connector conformity</b>	ISO 4400

### FEATURES:

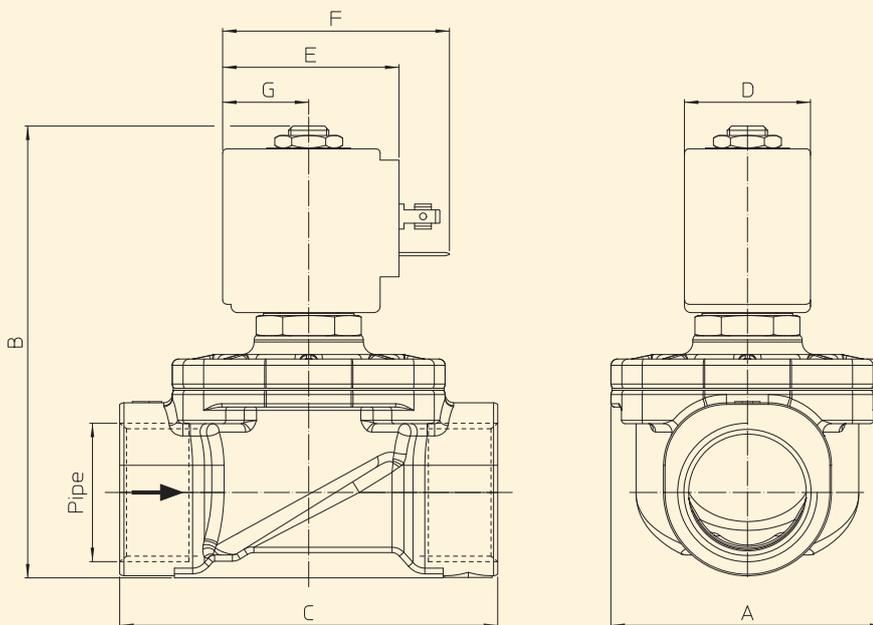
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

### SPARE PARTS:

- Coil:**  
See coils list
- Complete plunger:**  
Code R450811
- Gasket O-Ring:**  
Code R990000/*FLT*
- Gasket O-Ring:**  
Code R992109/*FLT*
- Complete diaphragm with plunger:**  
Code R452846/*FLT*



### DIMENSIONS:



Type	Pipe ISO 228/1	A mm	B mm	C mm
21IH6K1F250-LT	G 1	65	109	90

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	20,5