

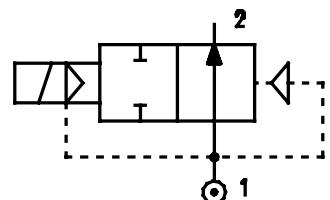
## DESCRIPTION

Solenoid valve 2 way normally open with servo-assisted piston suitable for air and water.

Its requested a minimum differential pressure of 3bar.

## CONSTRUCTION

Body and cover	Brass
Armature tube	AISI 303
Plunger and core	AISI 430FR
Piston	PBT
Springs	Stainless steel
Seal material	main seal PTFE other FPM



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## FEATURES

Minimum differential pressure 3bar

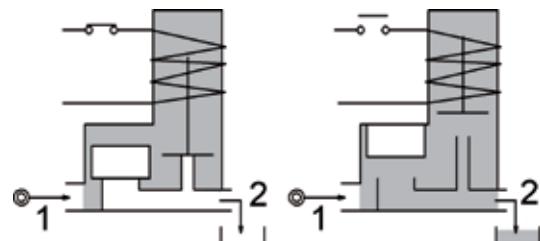
Maximum allowable pressure PS 100bar

Maximum fluid viscosity 12cSt (mm<sup>2</sup>/s)

Ambient temperature: from -10°C to +80°C according to the coil

Preferred mounting position with vertical coil above

**OPTIONS:** Electroless nickel plating  
cULus certified coils



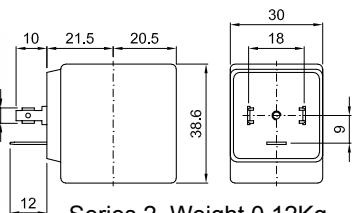
CODE ②	Connection G ISO 228	Orifice mm	Kv l/min	Differential pressure bar		Nominal power		Coil Series	Width	Seal	Temperature range °C
				Min	Max	AC Inrush	VA Holding				
E224DW12///...	1/2"	12	60	3	50	50	20	15	10	2	30 PTFE=W -10 +95

② Coil

Example: E224DW12///20E PTFE seal  
Coil 220-230V 50-60Hz

Maximum allowable leakage <0.2NI/h

COILS	Alternating Current 50/60Hz (V)							Direct Current (V)			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series 2 Width 30 Code ②	20A	20B	20C	20D	20E	20F	20G	200	201	202	DIN 43650A	PG9 code 10349000



Series 2 Weight 0.12Kg

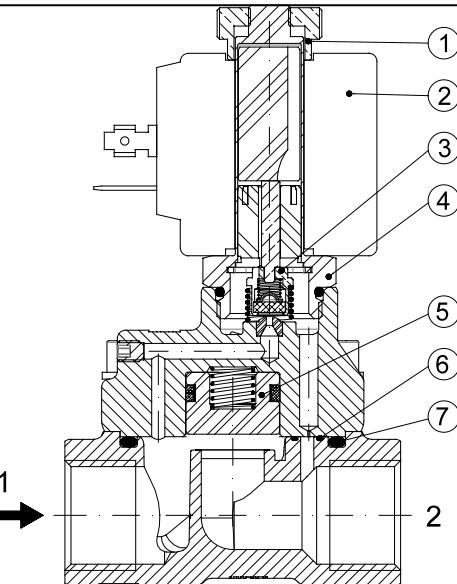
**DESCRIPTION**  
 Class F insulation  
 Voltage tolerance  
 AC +15% -10%  
 DC  $\pm$  10%  
**Protection class**  
 IP65 with connector fitted  
 IP00 without connector  
**Continuous service** ED100%

**OPTIONS**  
 Class H insulation  
 Cable attached  
 Special coil voltage  
 Special coil powers  
 us certified coils

(for more details see section 8)

**SPARE PARTS LIST**

1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube assembly
5. Piston assembly
6. OR
7. OR


**OVERALL DIMENSION**
