

DESCRIPTION

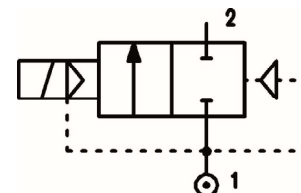
Solenoid valve 2 way normally closed with servo-assisted piston suitable for air and water.

Its requested a minimum differential pressure of 43.5 psi.



COSTRUCTION

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



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FEATURES

Minimum differential pressure 43.5 psi

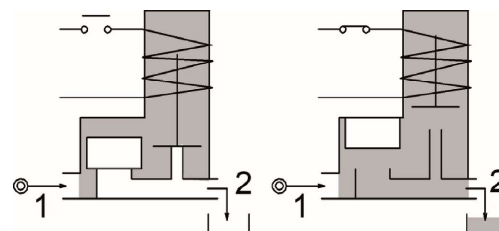
Maximum allowable pressure 2175 psi

Maximum fluid viscosity 12cSt (mm²/s)

Ambient temperature: +14°F +131°F (class F coil)
 +14°F +140°F (UL certified coil)
 +14°F +176°F (class H coil)

Preferred mounting position with vertical coil above

OPTIONS: Electroless nickel plating
 c us certified coils



CODE	Port Size GAS ISO 228	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.)						Nominal power			Coil		Seal	Temp. range (°F)
		(in)	(mm)		Min		Max				AC (VA)		DC (W)	Series	Width (mm)		
					(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	Inrush	Holding					
E124DW12///...	1/2	0.472	12	4.16	43.5	3	1450	100	1450	100	20	15	10	2	30	PTFE=W	+14 +203

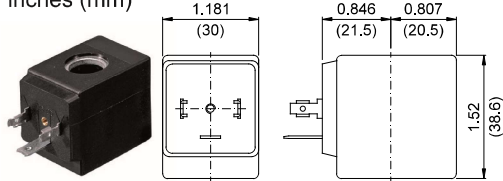
② Coil Example: E124DW12///201 PTFE seal
 Coil 24V DC

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 2 Width 30mm	U25B 20B 	U25D 20D 	U25F 20F 	U250 200 	U251 201 					DIN 43650A	PG9 code 10349000	

DESCRIPTION
 Insulation class F or H
 Voltage tolerance ±10%
 Protection class:
 IP65 with connector attached
 IP00 without connector
 Continuous service ED100%

OVERALL DIMENSIONS

inches (mm)



Series 2 Weight 0.26lb (0.12Kg)

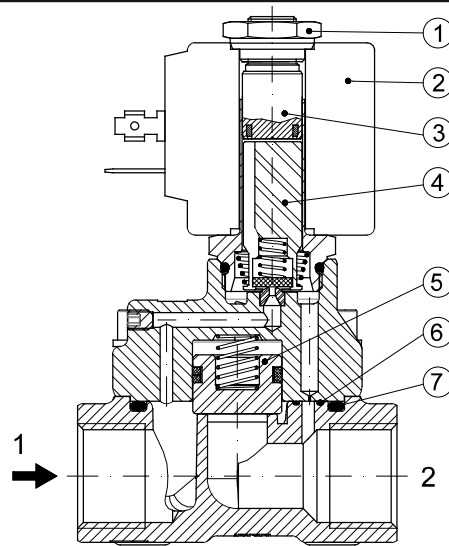
OPTIONS

Cable attached
 Special coil voltage
 Special coil powers
 certified coils

FOR COIL SPECIFICATION SEE SECTION 6

SPARE PARTS LIST

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



OVERALL DIMENSION

inches (mm)

