

DESCRIPTION

Solenoid valve 2 way normally open
direct acting poppet type

CONSTRUCTION

Body	Stainless steel
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR - FPM - EPDM



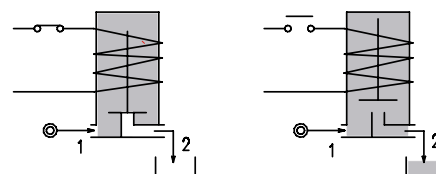
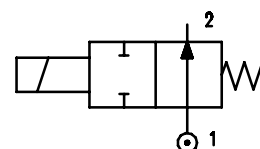
2

FEATURES

Maximum fluid viscosity 25cSt (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)

Universal mounting position

OPTIONS: Silver shading ring
Version for use with industrial oxygen



CODE ① ② ③	Port Size NPT	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ④					Nominal power			Coil		Seal ②	Temp. range (°F)
		(in)	(mm)		Min	Max		DC (psi) (bar)	AC (VA) Inrush Holding		DC (W)	Series	Width (mm)			
						AC (psi) (bar)	DC (psi) (bar)									
E210...N...20///...	1/4 3/8 1/2	0.079	2	0.116	0	246	17	-	-	20	15	-	2	30	NBR=B	+14 +194
E210...N...25///...		0.098	2.5	0.173	0	174	12	-	-							
E210...N...35///...		0.138	3.5	0.370	0	101	7	-	-							
E210...N...45///...		0.177	4.5	0.474	0	65	4.5	-	-							
D210...N...20/3/...	1/4 3/8 1/2	0.079	2	0.116	0	-	-	246	17	-	-	10	2	30	EPDM=E	+14 +284
D210...N...25/3/...		0.098	2.5	0.173	0	-	-	174	12							
D210...N...35/3/...		0.138	3.5	0.370	0	-	-	58	4							
D210...N...45/3/...		0.177	4.5	0.474	0	-	-	43.5	3							
E210...N...20///...	1/4 3/8 1/2	0.079	2	0.116	0	246	17	246	17	27	20	14	5	36	FPM=V	+14 +284
E210...N...25///...		0.098	2.5	0.173	0	174	12	174	12							
E210...N...35///...		0.138	3.5	0.370	0	101	7	101	7							
E210...N...45///...		0.177	4.5	0.474	0	65	4.5	65	4.5							

① Port size: B= 1/4 C=3/8 D=1/2

② Seal Ordination example: E210DNB35///U25B NBR seal, connection 1/2 NPT

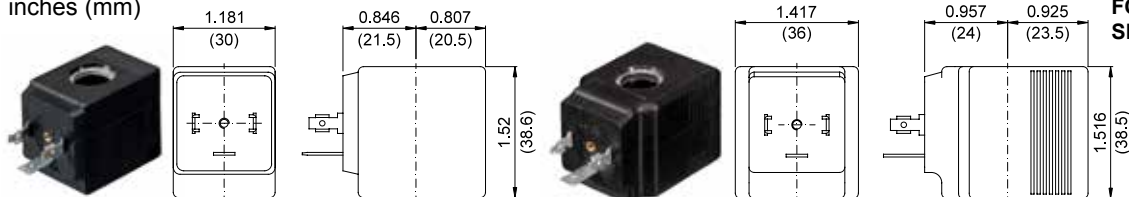
③ Coil Coil 24V 60Hz certified cULus and marked CE

④ Safe Working Pressure: 725 psi. Is the line or system pressure to which the valve may be subjected without being damaged.
The maximum allowable pressure PS for steam is 36 psi.

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors	DESCRIPTION Insulation class F or H Voltage tolerance ±10% Protection class: IP65 with connector attached IP00 without connector Continuous service ED100%
	24V		120V		240V		12V		24V				
Series 2 Width 30mm	U25B c  US	201	U25D c  US	20D	U25F c  US	20F	U250 c  US	200	U251 c  US	201	DIN 43650A	PG9 code 10349000	
Series 5 Width 36mm	U55B c  US	521	U55D c  US	52D	U55F c  US	52F	U550 c  US	520	U551 c  US	521	DIN 43650A	PG11 code 10349001	
												OPTIONS Cable attached Special coil voltage Special coil powers	

OVERALL DIMENSIONS

inches (mm)



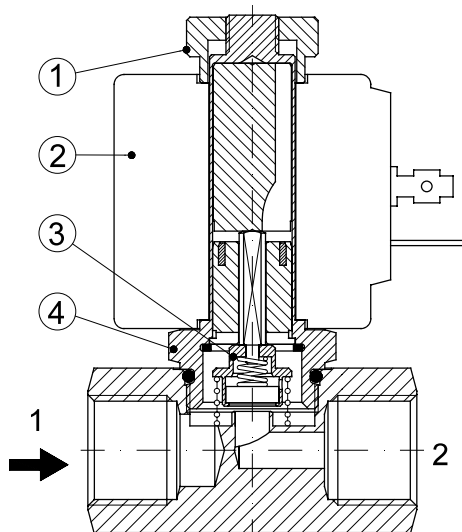
Series 2 Weight 0.26lb (0.12Kg)

Series 5 Weight 0.44lb (0.20Kg)

FOR COIL SPECIFICATION SEE SECTION 6

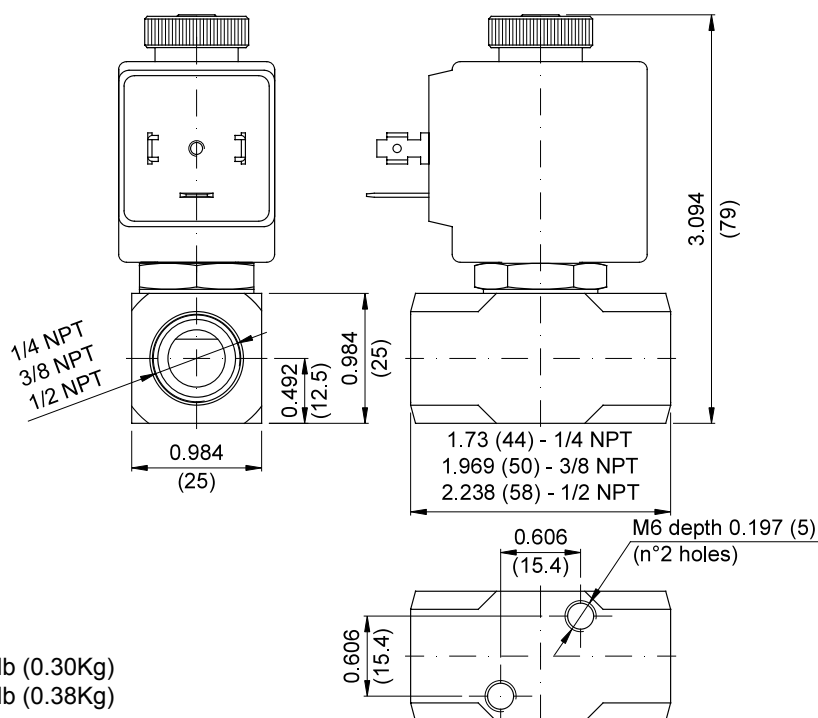
SPARE PARTS LIST

1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube assembly



OVERALL DIMENSIONS

inches (mm)



Weight with coil series 2=0.66lb (0.30Kg)
Weight with coil series 5=0.84lb (0.38Kg)