

DESCRIPTION

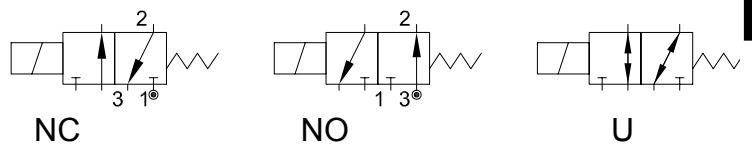
Solenoid valve 3 way
direct acting poppet type

CONSTRUCTION

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

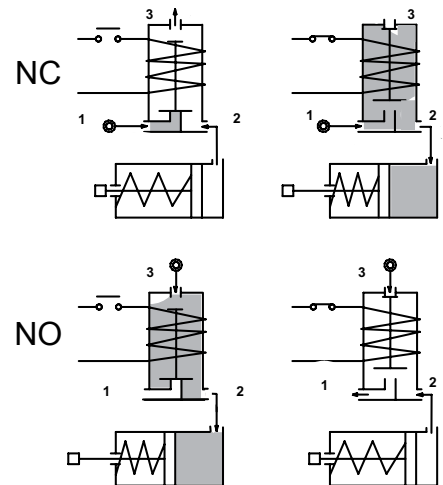


3



FEATURES

- Maximum fluid viscosity 25cSt (mm²/s)
- Ambient temperature: +14°F +131°F (class F coil)
+14°F +140°F (UL certified coil)
- Universal mounting position



OPTIONS: Silver shading ring

CODE ① ②	Port Size NPT	Orifice Size				Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ③				Nominal power		Coil		Seal ①	Temp. range (°F)				
		Inlet		Exhaust			Min	Max		AC (VA)	DC (W)	Series	Width (mm)							
		(in)	(mm)	(in)	(mm)			AC (psi)	DC (bar)					DC (psi)			DC (bar)			
NC Normally closed																				
E310BN...20///...	1/4	0.079	2	0.094	2.4	0.127	0	188	13	188	13	20	15	10	2	30	NBR=B EPDM=E FPM=V	+14 +194		
E310BN...25///...		0.098	2.5	0.094	2.4	0.185	0	145	10	145	10									
NO Normally open																				
E310BN...25/S/...	1/4	0.094	2.4	0.098	2.5	0.185	0	130	9	130	9	20	15	10	2	30			EPDM=E FPM=V	+14 +284
E310BN...29/S/...		0.114	2.9	0.118	3	0.231	0	94	6.5	94	6.5									
U Universal																				
E310BN...25/G/...	1/4	0.098	2.5	0.094	2.4	0.185	0	72.5	5	58	4	20	15	10	2	30	FPM=V	+14 +284		

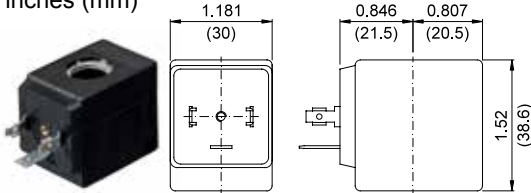
- ① Seal Ordination example: E310BNB25///U25B NBR seal, connection 1/4 NPT , NC version
- ② Coil Coil 24V 60Hz certified us and marked
- ③ Safe Working Pressure: M.O.P.D. +10%.
Is the line or system pressure to which the valve may be subjected without being damaged.

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 2 Width 30mm	U25B c	201	U25D c	20D	U25F c	20F	U250 c	200	U251 c	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)

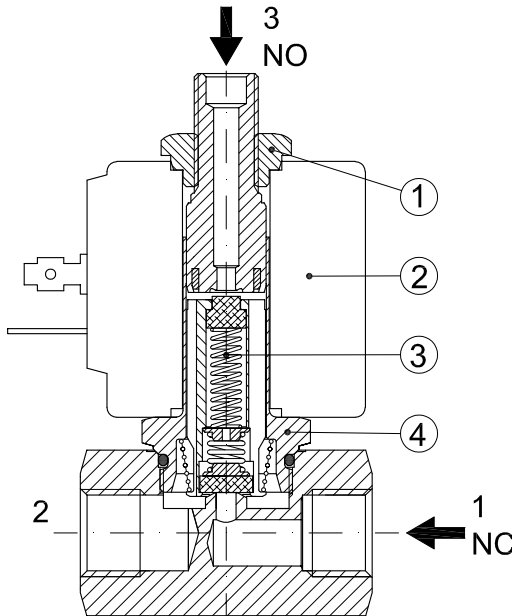
OPTIONS

Cable attached
 Special coil voltage
 Special coil powers

FOR COIL SPECIFICATION SEE SECTION 6

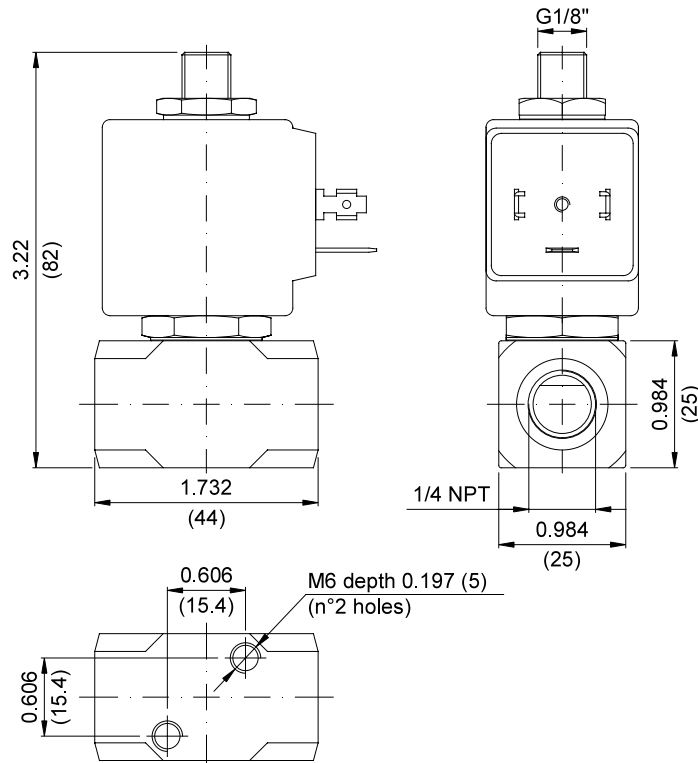
SPARE PARTS LIST

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



OVERALL DIMENSIONS

inches (mm)



Weight=0.79lb (0.36Kg)