

DESCRIPTION

Solenoid valve 3 way
direct acting poppet type

CONSTRUCTION

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

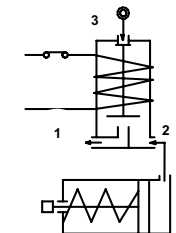
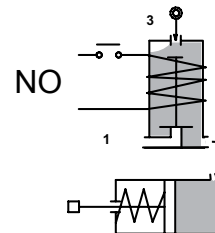
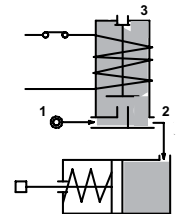
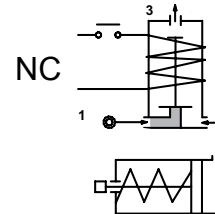
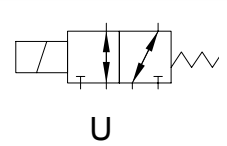
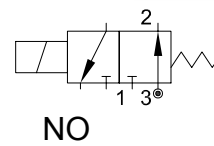
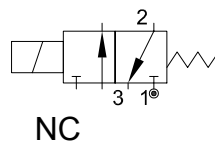


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FEATURES

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: Manual override
Electroless nickel plating
Stainless steel seat



CODE		Port Size	Orifice Size				Flow Factor Cv	Operating Pressure Differential (M.O.P.D.) ③				Nominal power		Coil		Seal	Temp. range			
①	②	□1.26in (□32mm)	Inlet (in)	(mm)	Exhaust (in)	(mm)	(gpm)	Min	Max		AC (psi)	(bar)	DC (psi)	(bar)	AC (VA) Inrush Holding	DC (W)	Series	Width (mm)	①	(°F)
NC Normally closed																			NBR=B	+14 +194
E314X...15///...	□1.26in (□32mm)	0.059	1.5	0.094	2.4	0.081	0	290	20	290	20	20	15	10	2	30				
E314X...20///...		0.079	2	0.094	2.4	0.127	0	188	13	188	13									
E314X...20///...		0.098	2.5	0.094	2.4	0.185	0	145	10	145	10									
NO Normally open																			EPDM=E	+14 +284
E314X...24/S/...	□1.26in (□32mm)	0.094	2.4	0.098	2.5	0.185	0	130	9	130	9	20	15	10	2	30				
E314X...29/S/...		0.114	2.9	0.118	3	0.231	0	94	6.5	94	6.5									
U Universal																			FPM=V	+14 +284
E314X...25/G/...	□1.26in (□32mm)	0.098	2.5	0.094	2.4	0.185	0	72.5	5	58	4	20	15	10	2	30				

① Seal

Ordination example: E314XB15///U251 NBR seal

② Coil

Coil 24V DC certified c_{UL}us and marked CE

③ Safe Working Pressure: M.O.P.D. +10%.

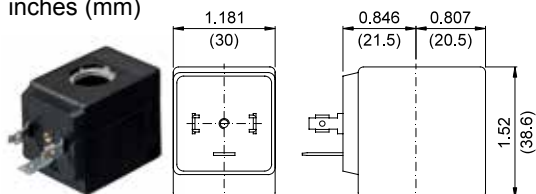
Is the line or system pressure to which the valve may be subjected without being damaged.

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

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

OVERALL DIMENSIONS

inches (mm)



Series 2 Weight 0.26lb (0.12Kg)

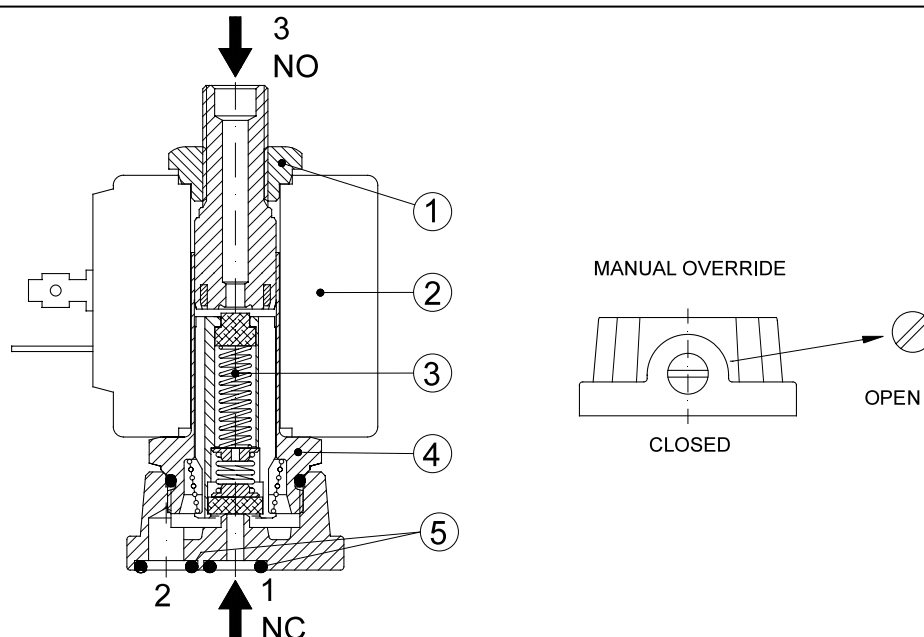
OPTIONS

Cable attached
Special coil voltage
Special coil powers

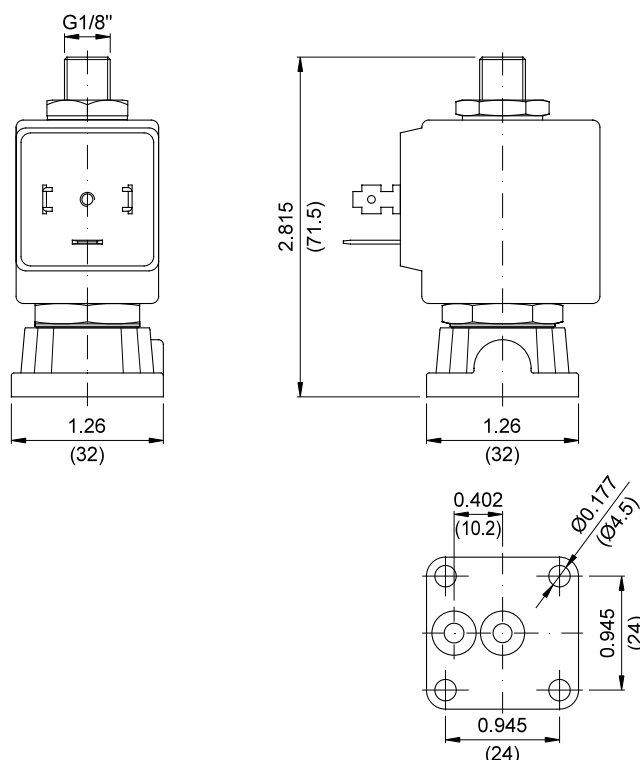
FOR COIL SPECIFICATION SEE
SECTION 6

SPARE PARTS LIST

1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube assembly
5. OR 2010



OVERALL DIMENSION



Weight=0.55lb (0.25Kg)