

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

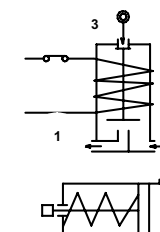
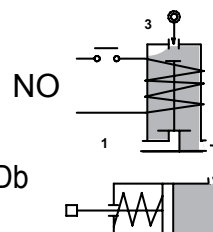
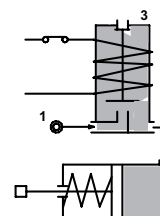
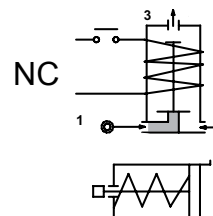
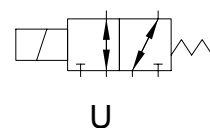
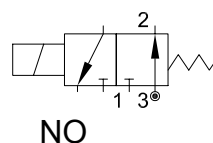
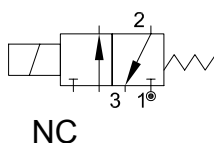


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FEATURES

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: Silver shading ring
Electroless nickel plating
Exhaust port with hosetail connection
Series 7 explosion proof coil according to
⊕ ATEX II 2G Ex mb IIC T6, T5, T4 Gb
II 2D Ex mb IIIC T85°C, T100°C, T135°C Db
similar to NEC 505 Div.1 Class II IIC T6



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) Inrush Holding	DC (W)	Series	Width (mm)					
		(in)	(mm)	(in)	(mm)			(psi)	(bar)	(psi)					(bar)				
NC Normally closed																		NBR=B	+14 +194
E311AN...12///...	1/8	0.047	1.2	0.059	1.5	0.046	0	217	15	217	15	12	8	6.5	3	22			
E311AN...15///...		0.059	1.5	0.059	1.5	0.069	0	145	10	145	10								
E311AN...20///...		0.079	2	0.067	1.7	0.104	0	87	6	87	6								
NO Normally open																		EPDM=E	+14 +284
E311AN...15/S/...	1/8	0.059	1.5	0.059	1.5	0.069	0	145	10	145	10	12	8	6.5	3	22			
E311AN...17/S/...		0.067	1.7	0.079	2	0.081	0	87	6	87	6								
U Universal																		FPM=V	+14 +284
E311AN...15/G/...	1/8	0.059	1.5	0.059	1.5	0.069	0	87	6	87	6	12	8	6.5	3	22			

① Seal

Ordination example: E311ANB15///U35B NBR seal, connection 1/8 NPT

② Coil

Coil 24V 60Hz certified cULus and marked CE

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

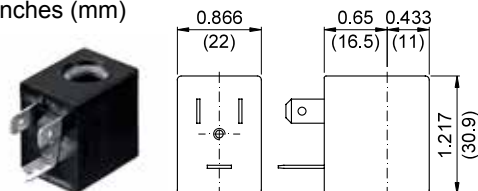
Is the line or system pressure to which the valve may be subjected without being damaged.

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 3 Width 22mm	U35B 	30B	U35D 	30D	U35F 	30F	U350 	300	U351 	301	DIN 46244	PG9 code 10348000

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

OVERALL DIMENSIONS

inches (mm)



Series 3 Weight 0.11lb (0.05Kg)

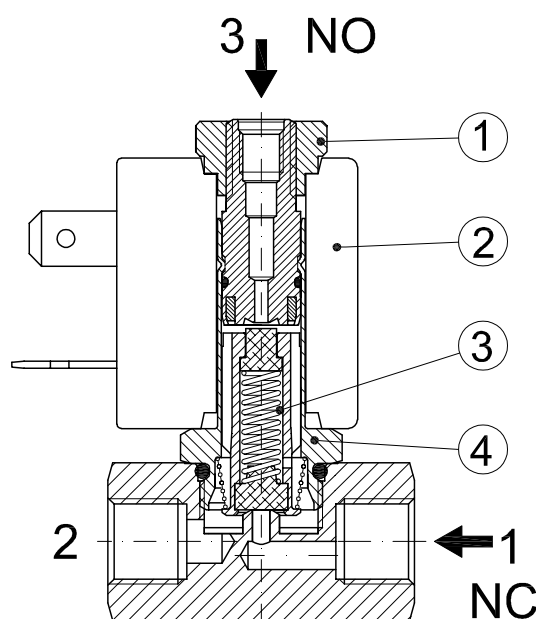
OPTIONS

Cable attached
Special coil voltage
Special coil powers

FOR COIL SPECIFICATION SEE SECTION 6

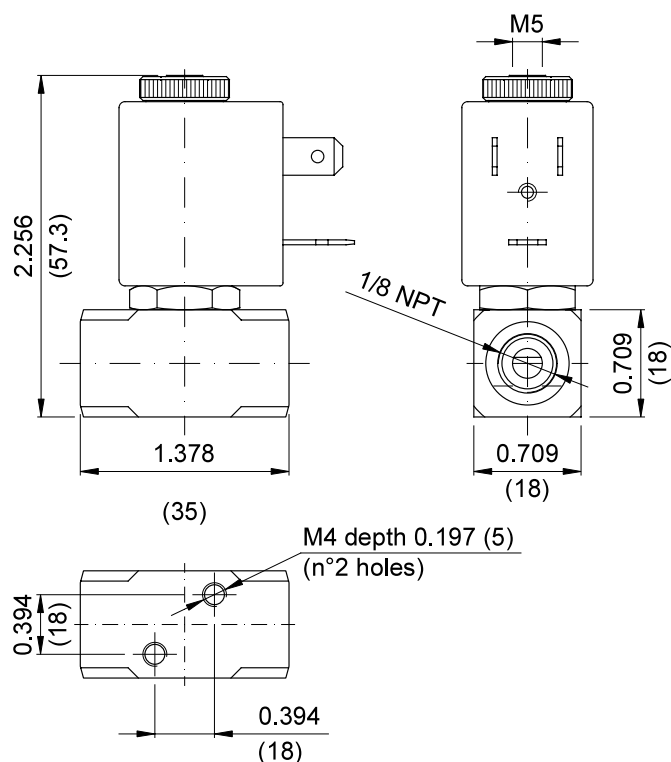
SPARE PARTS LIST

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



OVERALL DIMENSIONS

inches (mm)



Weight=0.33lb (0.15Kg)