

DESCRIPTION

Solenoid valve 3 way normally open
direct acting poppet type

CONSTRUCTION

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

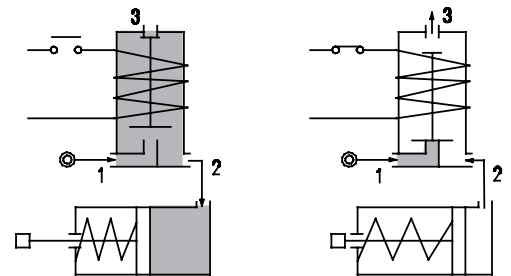
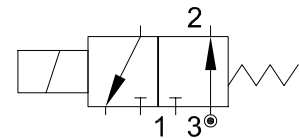


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FEATURES

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: Stainless steel armature tube
Electroless nickel plating
Exhaust port with hositail 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



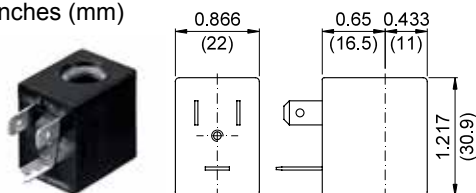
CODE ① ②	Port Size □1in (□25mm)	Orifice Size				Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ③					Nominal power			Coil		Seal ①	Temp. range (°F)
		Inlet		Exhaust			Min	Max		AC (VA) (Inrush Holding)	DC (W)	Series	Width (mm)					
		(in)	(mm)	(in)	(mm)			AC (psi) (bar)	DC ④ (psi) (bar)									
E313X...12///...	□1in (□25mm)	0.047	1.2	0.047	1.2	0.046	0	174	12	116	8	12	8	6.5	3	22	NBR=B	+14 +194
E313X...15///...		0.059	1.5	0.047	1.2	0.069	0	130	9	87	6						EPDM=E	+14 +284
E313X...12///...	□1in (□25mm)	0.047	1.2	0.047	1.2	0.046	0	174	12	116	8	15	11	8	4	30	FPM=V	+14 +284
E313X...15///...		0.059	1.5	0.047	1.2	0.069	0	130	9	87	6							

- ① Seal Ordination example: E313XB15///U35B NBR seal
② Coil Coil 24V 60Hz certified c  us and marked C E
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.
④ Direct current (DC) series 3 coil available only without UL certification

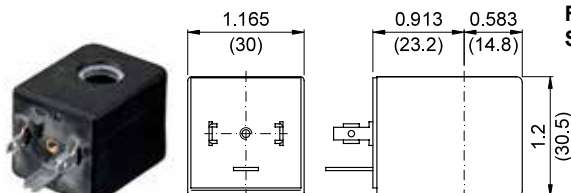
COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors	DESCRIPTION Class F or H insulation Voltage tolerance ±10% Protection class: IP65 with connector attached IP00 without connector Continuous service ED100%
	24V		120V		240V		12V		24V				
Series 3 Width 22mm	U35B 	30B	U35D 	30D	U35F 	30F	-	300	-	301	DIN 46244	PG9 code 10348000	
Series 4 Width 30mm	-	40B	-	40D	-	40F	U450 	400	U451 	401	DIN 43650A	PG9 code 10349000	
OPTIONS Cable attached Special coil voltage													

OVERALL DIMENSIONS

inches (mm)



Series 3 Weight 0.11lb (0.05Kg)

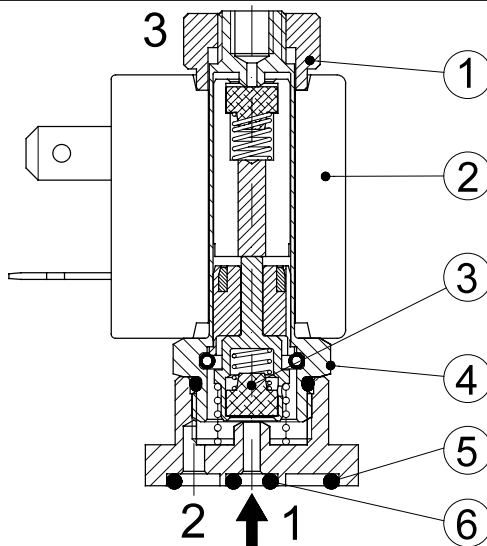


Series 4 Weight 0.22lb (0.1Kg)

FOR COIL SPECIFICATION SEE SECTION 6

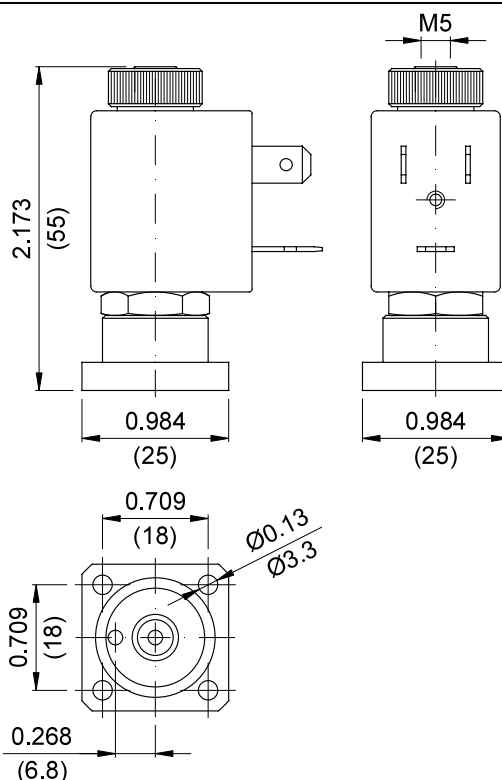
SPARE PARTS LIST

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



OVERALL DIMENSIONS

inches (mm)



Weight=0.26lb (0.12Kg)