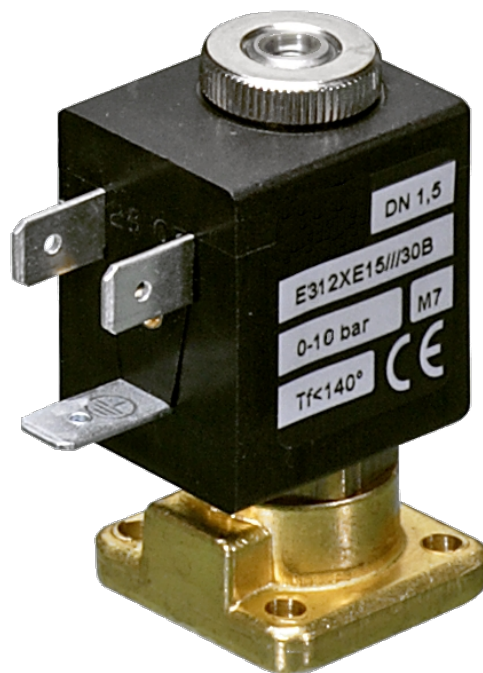


312 Series Valves



800.909.4988
info@rankinusa.com

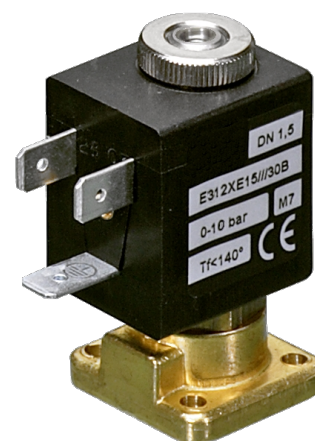
RANKIN 
COMPONENTS THAT AUTOMATE

DESCRIPTION

Solenoid valve 3 way direct acting poppet type
Flange fixing

CONSTRUCTION

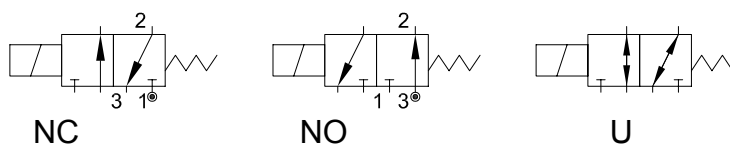
Body	Brass
Armature tube	Brass
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM



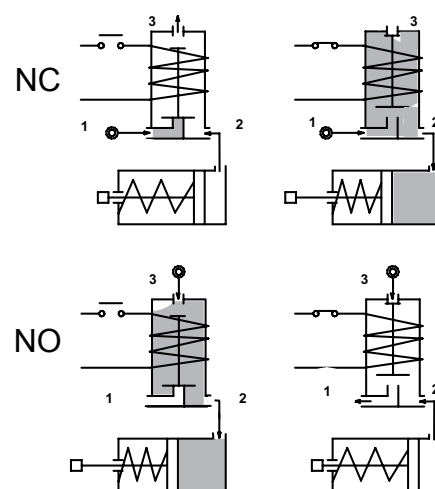
3

FEATURES

Maximum allowable pressure PS 50bar^③
Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position



- OPTIONS:**
- Silver shading ring
 - Electroless nickel plating
 - Series 7 explosion proof coil according to ATEX - EExmII
 - Exhaust port with hosedtail connection
 - us certified coils



ON REQUEST: Versions for use with fluid temperature at -40°C

CODE ① ②	Flange	Orifice mm		Kv m ³ /h	Differential pressure bar			Nominal power			Coil		Seal ①	Temp. range °C
		1→2	2→3		Min	Max AC DC		AC Inrush	VA Holding	DC Watt	Series	Width		
NC Normally closed														
E312X...12///...	□ 25	1.2	1.5	0.04	0	15	15	12	8	6.5	3	22	NBR=B	-10 +90
E312X...15///...		1.5	1.7	0.06	0	10	10							
NO Normally open														
E312X...15/S/...	□ 25	1.5	1.5	0.06	0	10	10	12	8	6.5	3	22	EPDM=E	-10 +140
U Universal														
E312X...10/G/...	□ 25	1	1	0.028	0	10	10	12	8	6.5	3	22	FPM=V	-10 +140

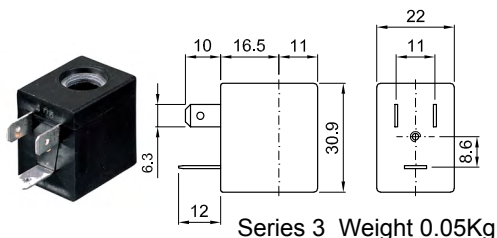
① Seal Example: E312XV15///30B FPM seal Coil 24V 50/60Hz NC
② Coil E312XB15/S/301 NBR seal Coil 24V DC NO

③ The maximum allowable pressure PS for steam 2,5bar (gauge pressure)

COILS ②	Alternating Current 50/60Hz (V)							Direct Current (V)			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series 3 Width 22	30A	30B	30C	30D	30E	30F	30G	300	301	302	DIN 46244	PG9 code 10348000

DESCRIPTION
 Class F insulation
 Voltage tolerance
 AC +15% -10%
 DC ± 10%
 Protection class
 IP65 with connector fitted
 IP00 without connector
 Continuous service ED100%

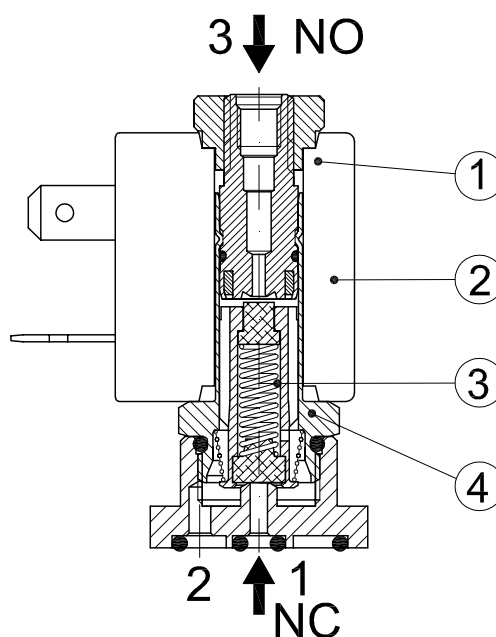
OPTIONS
 Class H insulation
 Cable attached
 Special coil voltage
 Special coil powers
 cULus certified coils



(for coil details see section 8)

SPARE PARTS LIST

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



OVERALL DIMENSION

