

DESCRIPTION

Solenoid valve 3 way
direct acting poppet type

CONSTRUCTION

Body	AISI 303
Armature tube	AISI 303
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM

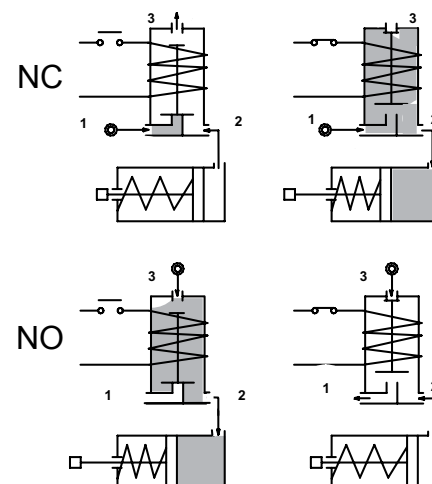
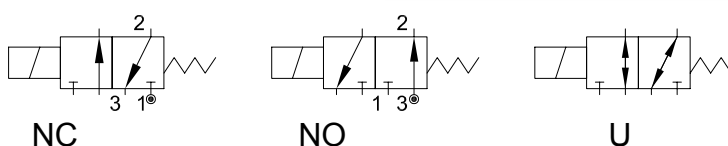


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FEATURES

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 hosetail connection
cULus certified coils



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

CODE		Connection G	Orifice mm		Kv m³/h	Differential pressure bar			Nominal power			Coil		Seal	Temp. range °C
①	②		ISO 228	1→2		2→3	Min	Max		AC	VA	DC	Series		
							AC	DC	Inrush	Holding	Watt			①	
NC Normally closed														NBR=B	-10 +90
E311A...12///...	1/8"	1.2	1.5	0.04	0	15	15	12	8	6.5	3	22			
E311A...15///...		1.5	1.5	0.06	0	10	10								
E311A...20///...		2	1.7	0.09	0	6	6								
NO Normally open														EPDM=E	-10 +140
E311A...15/S/...	1/8"	1.5	1.5	0.06	0	10	10	12	8	6.5	3	22			
E311A...17/S/...		1.7	2	0.07	0	6	6								
U Universal														FPM=V	-10 +140
E311A...15/G/...	1/8"	1.5	1.5	0.06	0	6	6	12	8	6.5	3	22			

- ① Seal
② Coil

Example: E311AV15///30B FPM seal
E311AB15/S/301 NBR seal

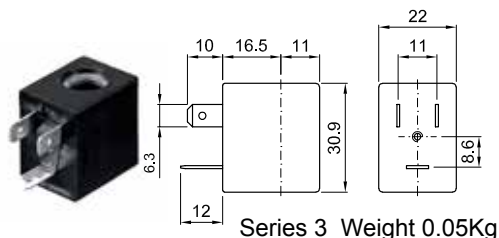
Coil 24V 50/60Hz NC
Coil 24V DC NO

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%

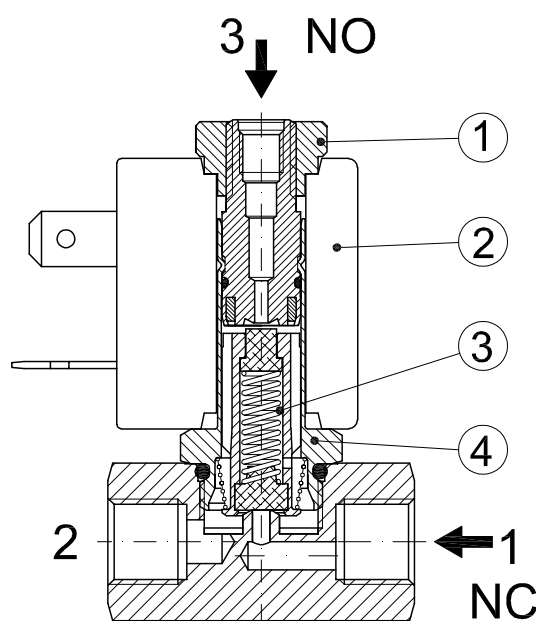
OPTIONS
 Class H insulation
 Cable attached
 Special coil voltage
 Special coil powers
 CE certified coils



(for coil details see section 8)

SPARE PARTS LIST

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



OVERALL DIMENSION

