

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



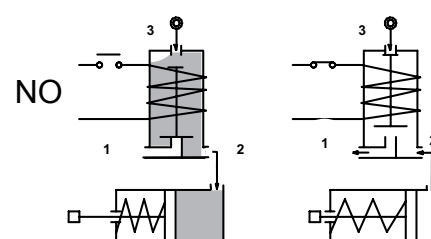
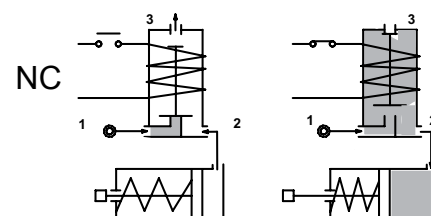
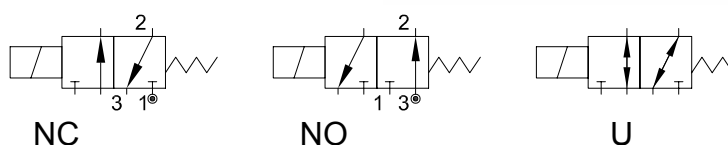
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FEATURES

Maximum allowable pressure PS 80bar^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
c  us certified coils

ON REQUEST: Versions for use with fluid temperature at -40°C
Versions with 3/8" or 1/2" connections



CODE		Connection G	Orifice mm		Kv m³/h	Differential pressure bar			Nominal power			Coil		Seal	Temp. range °C	
①	②		1→2	2→3		Min	Max		AC	VA	DC	Series	Width			
															①	
NC Normally closed															NBR=B	-10 +90
E310B...20///...		1/4”	2	2.4	0.11	0	13	13	20	15	10	2	30			
E310B...25///...			2.5	2.4	0.16	0	10	10								
NO Normally open															EPDM=E	-10 +140
E310B...25/S/...		1/4”	2.4	2.5	0.16	0	9	9	20	15	10	2	30			
E310B...29/S/...			2.9	3	0.20	0	6.5	6.5								
U Universal															FPM=V	-10 +140
E310B...25/G/...		1/4”	2.5	2.4	0.16	0	5	4	20	15	10	2	30			

① Seal

Example: E310BV15///20B FPM seal

Coil 24V 50/60Hz NC

② Coil

E310BB24/S/201 NBR seal

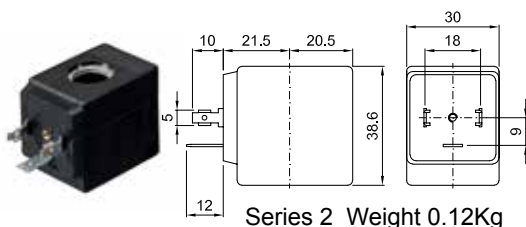
Coil 24V DC NO

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 2 Width 30	20A	20B	20C	20D	20E	20F	20G	200	201	202	DIN 43650A	PG9 code 10349000

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

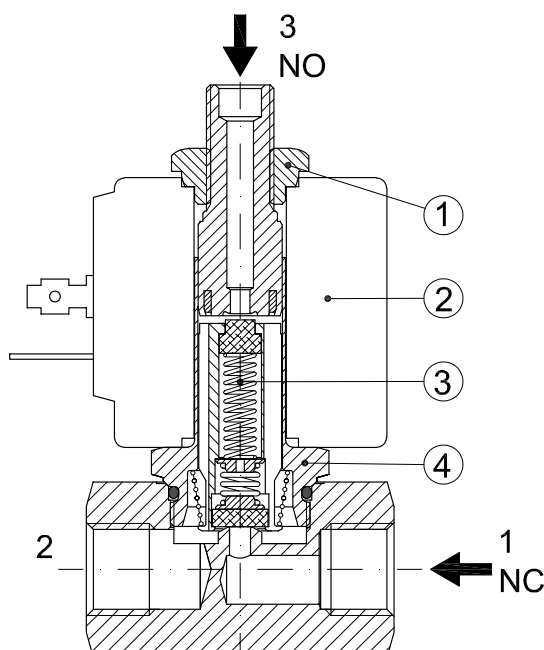


Series 2 Weight 0.12Kg

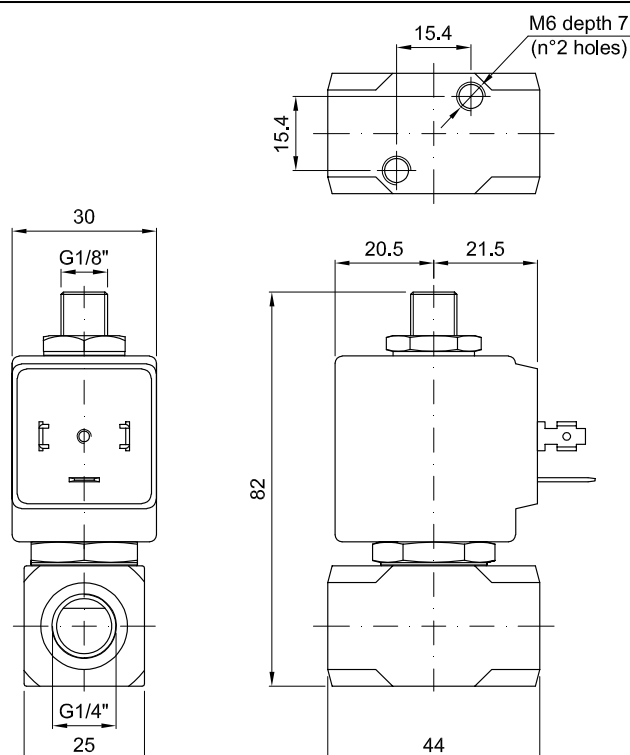
(for coil details see section 8)

SPARE PARTS LIST

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



OVERALL DIMENSION



Weight=0.36Kg