

DESCRIPTION

Solenoid valve 3 way
direct acting poppet type

CONSTRUCTION

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

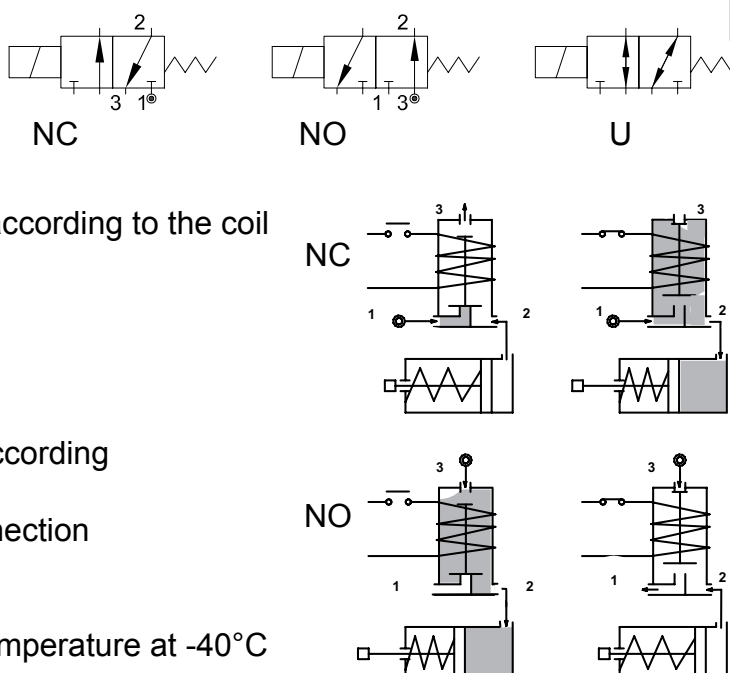


3

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: Manual override
Stainless steel armature tube
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		1→2	2→3		Min	Max		AC	VA	DC	Series	Width		
														①	
NC Normally closed														NBR=B	-10 +90
E305A...12///...	1/8"	1.2	1.5	0.04	0	15	15	12	8	6.5	3	22			
E305A...15///...		1.5	1.5	0.06	0	10	10								
E305A...20///...		2	1.7	0.09	0	6	6								
NO Normally open														EPDM=E	-10 +140
E305A...15/S/...	1/8"	1.5	1.5	0.06	0	10	10	12	8	6.5	3	22			
E305A...17/S/...		1.7	2	0.07	0	6	6								
U Universal														FPM=V	-10 +140
E305A...15/G/...	1/8"	1.5	1.5	0.06	0	6	6	12	8	6.5	3	22			

① Seal

② Coil

Example: E305AV15///30B FPM seal
E305AB15/S/301 NBR seal

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

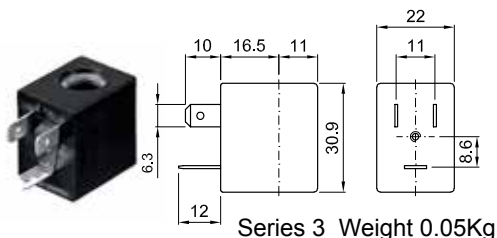
③ REMARK

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

COILS	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 Code ②	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
 c_{UL} US certified coils

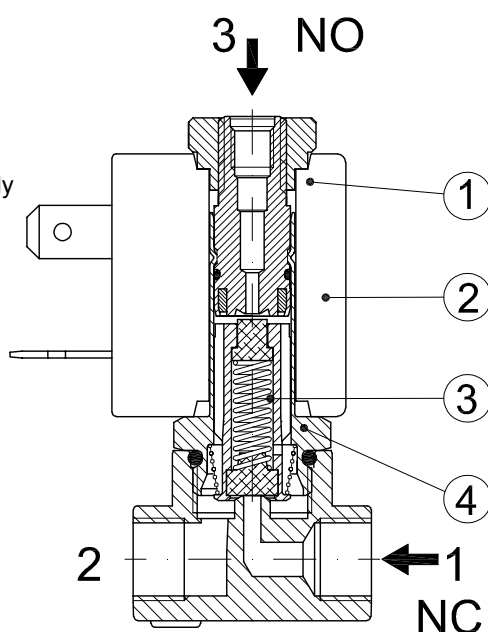


Series 3 Weight 0.05Kg

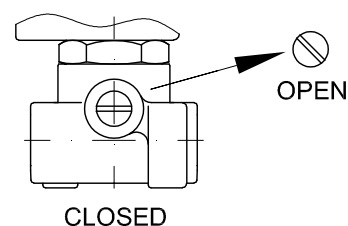
(for more details see section 8)

SPARE PARTS LIST

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



MANUAL OVERRIDE



OVERALL DIMENSION

