DESCRIPTION

Solenoid valve 2 way normally closed
direct acting poppet type

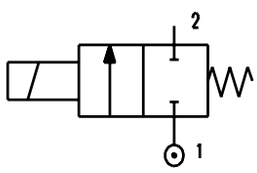


CONSTRUCTION

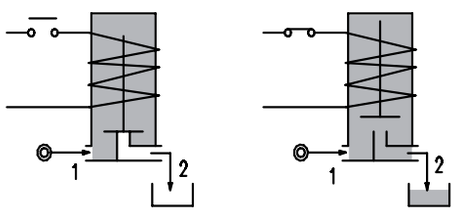
Body	Brass
Armature tube	Brass
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM

FEATURES

Maximum allowable pressure PS 50bar③
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position



OPTIONS: Stainless steel armature tube
Electroless nickel plating
Series 7 explosion proof coil according to ATEX - EExmII
Manual override
Versions for use with industrial oxygen
c UL us certified coils



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

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E105A...12///...	1/8”	1.2	0.04	0	25	25	12	8	6.5	3	22	NBR=B	-10 +90
E105A...15///...		1.5	0.06	0	16	16							
E105A...20///...		2	0.09	0	12	10							
E105A...25///...		2.5	0.14	0	8	5.5							
E105A...31///...		3.1	0.19	0	5	2						EPDM=E	-10 +140
E105A...40///...		4	0.35	0	4	1.5							
E105A...20///...	1/8”	2	0.09	0	25	15	15	11	5	4	30	FPM=V	-10 +140
E105A...25///...		2.5	0.14	0	16	8							
E105A...31///...		3.1	0.19	0	8	4							
E105A...40///...		4	0.35	0	5	2.5							

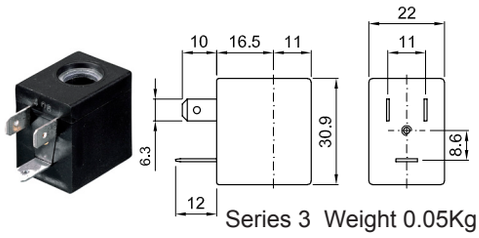
① Seal — Example: E105AB20///30B NBR seal
② Coil — Coil 24V 50/60Hz
③ The maximum allowable pressure PS for steam is 2,5bar (gauge pressure)

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
Series **4** Width **30**	40A	40B	40C	40D	40E	40F	40G	400	401	402	DIN 43650A	PG9 code 10349000

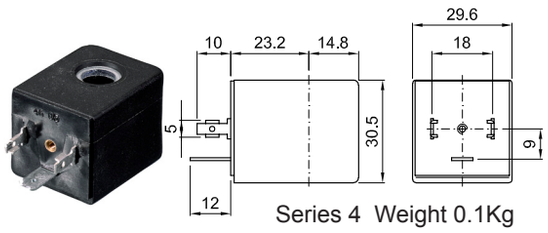
DESCRIPTION
Class F insulation
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation
Cable attached
Special coil voltage
Special coil powers
c UL us certified coils

(for coil details see section 8)

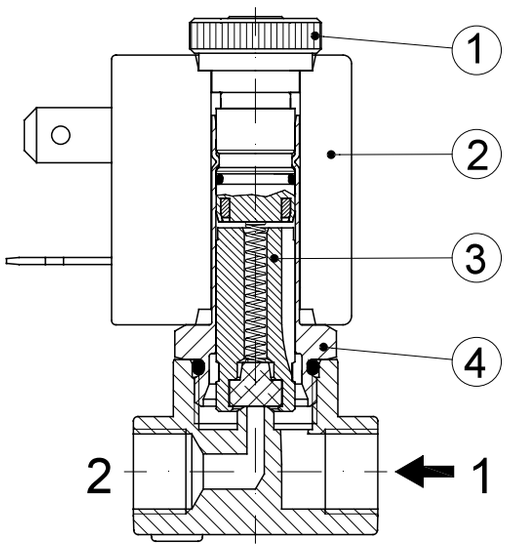


Series 3 Weight 0.05Kg

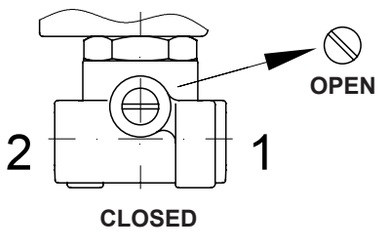


Series 4 Weight 0.1Kg

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

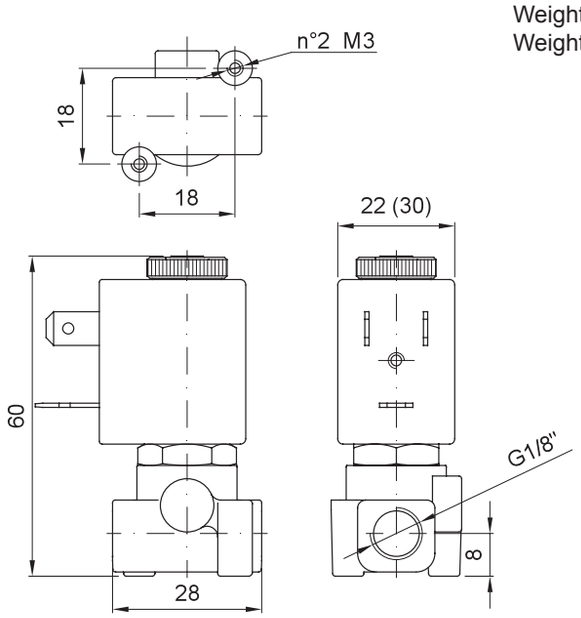


MANUAL OVERRIDE



OVERALL DIMENSION

Weight with coil series 3=0.13Kg
Weight with coil series 4=0.18Kg



data in brackets are referred to coil series 4