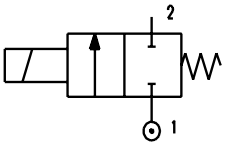
DESCRIPTION

Solenoid valve 2 way normally closed in stainless steel AISI 316 direct acting poppet type

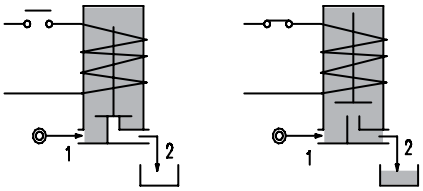
CONSTRUCTION

Body	AISI 316
Armature tube	AISI 316
Plunger and core	AISI 430FR
Shading ring	Silver
Springs	AISI 316
Seal material	NBR - FPM - EPDM - PTFE - FFKM (Kalrez)



FEATURES

Maximum allowable pressure PS 100bar⑤
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position



OPTIONS: 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 ③	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 ②	Temp. range °C
E170... ...10///...		1	0.04	0	80	80							
E170... ...12///...		1.2	0.05	0	60	60							
E170... ...15///...	1/4”	1.5	0.07	0	30	26						NBR=B	-10 +90
E170... ...20///...		2	0.1	0	22	20							
E170... ...25///...	3/8”	2.5	0.15	0	16	14	20	15	10	2	30		
E170... ...30///...		3	0.25	0	15	10						FPM=V	-10 +140
E170... ...35///...	1/2”	3.5	0.32	0	10	8							
E170... ...40///...		4	0.36	0	8	5							
E170... ...45///...		4.5	0.41	0	6.5	3.5						EPDM=E	-10 +140
E170... ...10///...		1	0.04	0	100	100							
E170... ...12///...		1.2	0.05	0	100	100							
E170... ...15///...	1/4”	1.5	0.07	0	80	80						PTFE=W	-10 +180
E170... ...20///...		2	0.1	0	50	40						④	
E170... ...25///...	3/8”	2.5	0.15	0	35	33	40	30	27	5	36		
E170... ...30///...		3	0.25	0	25	24						FFKM=K	-10 +180
E170... ...35///...	1/2”	3.5	0.32	0	20	19							
E170... ...40///...		4	0.36	0	16	15							
E170... ...45///...		4.5	0.41	0	10	9							

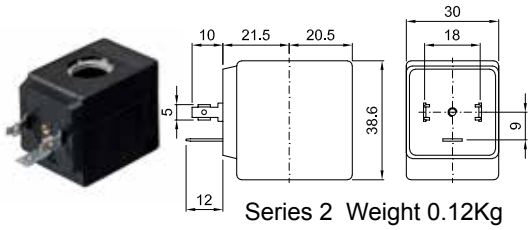
① Connection: B=1/4”, C=3/8”, D=1/2”
② Seal — Example: E170BE35///20E EPDM seal
③ Coil — Coil 230V 50/60Hz
④ Max allowable leakage <0.2Nl/h
⑤ The maximum allowable pressure PS for steam is 9bar (gauge pressure) with PTFE seals and 2,5bar with EPDM seals

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**
Series **5** Width **36**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

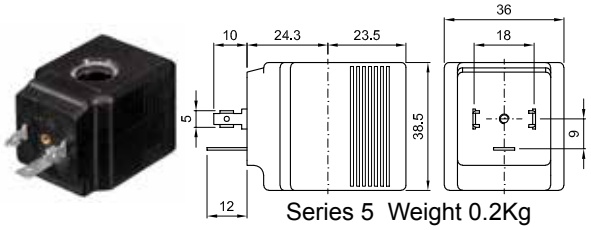
DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers
cULus certified coils

(for coil details see section 8)

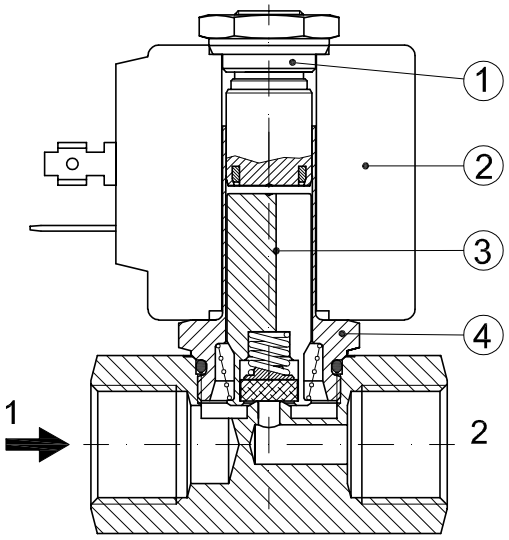


Series 2 Weight 0.12Kg

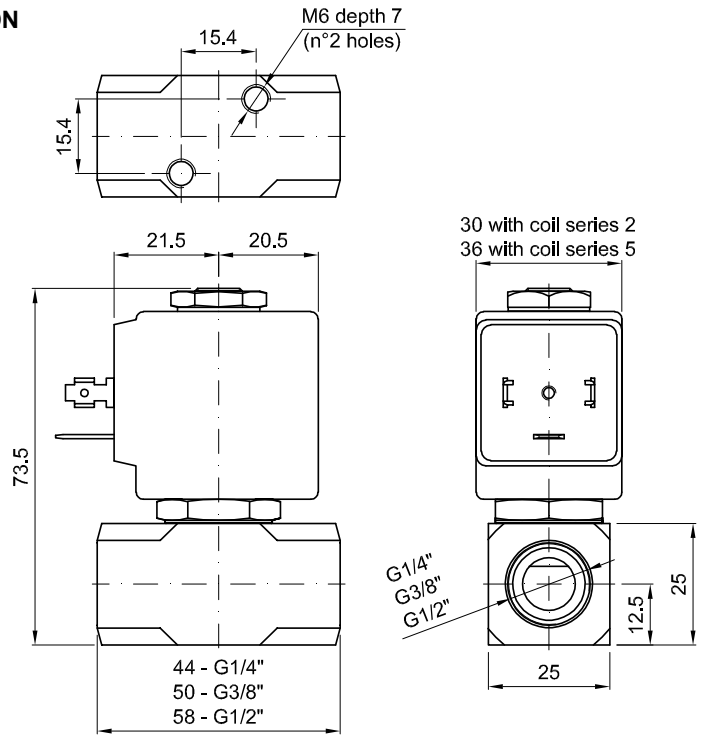


Series 5 Weight 0.2Kg

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



OVERALL DIMENSION



Weight with coil series 2=0.36Kg
Weight with coil series 5=0.44Kg