

DESCRIPTION

Solenoid valve 2 way normally closed
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 - PTFE

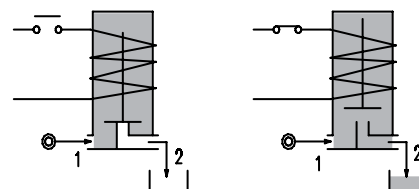
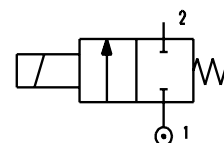
FEATURES

Maximum allowable pressure PS 100bar^⑤
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
Versions for use with industrial oxygen
c  us certified coils



2



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

CODE ① ② ③	Connection G ISO 228	Orifice mm	Kv m³/h	Differential pressure bar			Nominal power			Coil		Seal ②	Temp. range °C							
				Min	Max		AC Inrush	VA Holding	DC Watt	Series	Width									
					AC	DC														
E110... ..10///...	1/4"	1	0.04	0	80	80	20	15	10	2	30	NBR=B	-10 +90							
E110... ..12///...		1.2	0.05	0	60	60														
E110... ..15///...		1.5	0.07	0	30	26														
E110... ..20///...		2	0.1	0	22	20														
E110... ..25///...		2.5	0.15	0	16	14														
E110... ..30///...	3/8"	3	0.25	0	15	10								40	30	27	5	36	EPDM=E	-10 +140
E110... ..35///...	3.5	0.32	0	10	8															
E110... ..40///...	1/2"	4	0.36	0	8	5														
E110... ..45///...	4.5	0.41	0	6.5	3.5															
E110... ..52///...	5.2	0.47	0	4	1.8															
E110... ..64///...	6.4	0.64	0	3	1															
E110... ..10///...	1/4"	1	0.04	0	100	100	PTFE=W ④	-10 +180												
E110... ..12///...		1.2	0.05	0	100	100														
E110... ..15///...		1.5	0.07	0	80	80														
E110... ..20///...		2	0.1	0	50	40														
E110... ..25///...	3/8"	2.5	0.15	0	35	33														
E110... ..30///...		3	0.25	0	25	24														
E110... ..35///...		3.5	0.32	0	20	19														
E110... ..40///...	1/2"	4	0.36	0	16	15														
E110... ..45///...		4.5	0.41	0	14	13														
E110... ..52///...		5.2	0.47	0	10	9														
E110... ..64///...		6.4	0.64	0	5	4.5														

① Connection: B=1/4", C=3/8", D=1/2"

② Seal

③ Coil

④ Maximum allowable leakage <0.2NI/h

⑤ The maximum allowable pressure PS for steam is 9bar (gauge pressure) with PTFE seals and 2,5bar with EPDM seals

Example: E110BE35///20E EPDM seal, connections G1/4"
Coil 230V 50/60Hz

COILS ③	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

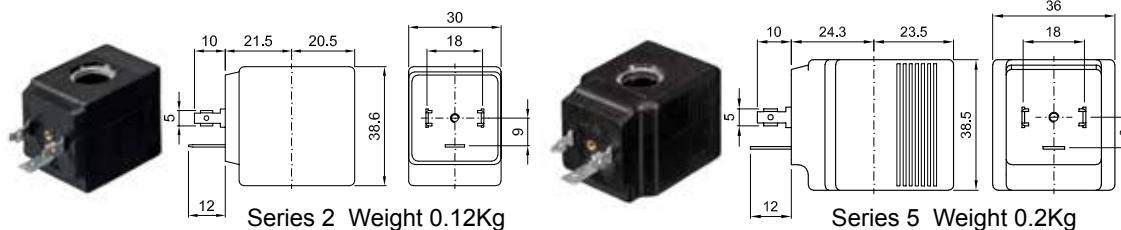
DESCRIPTION

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

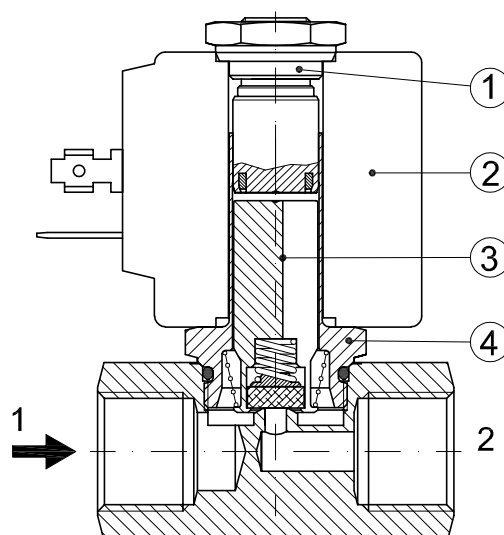
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers
c  US certified coils

(for coil details see section 8)

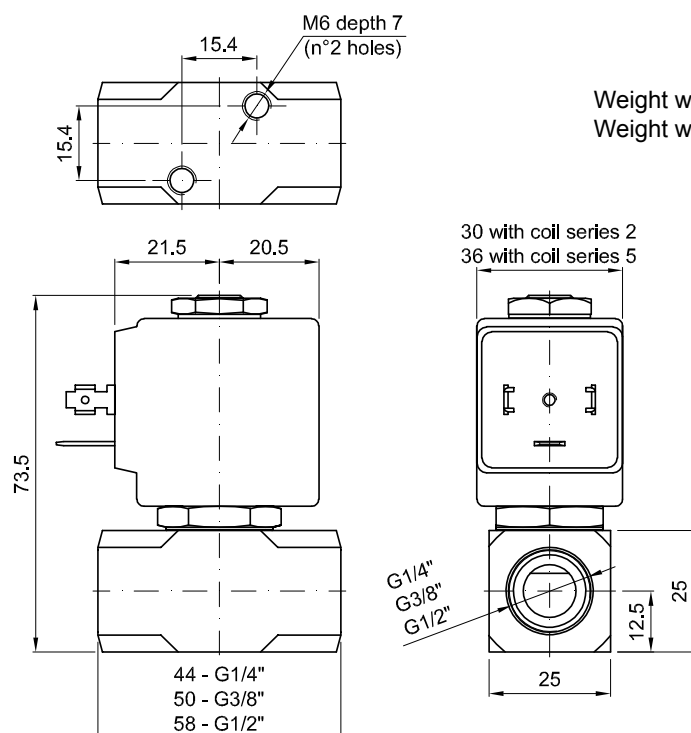


SPARE PARTS LIST

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



OVERALL DIMENSION



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