

DESCRIPTION

Solenoid valve 2 way normally open
direct acting poppet type

CONSTRUCTION

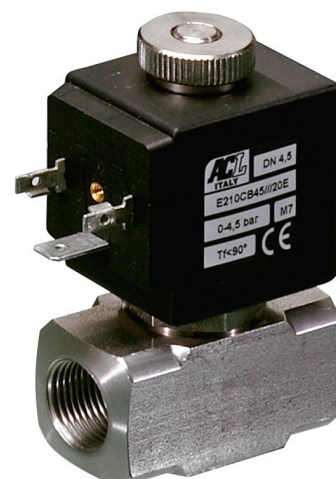
Body	AISI 303
Armature tube	AISI 303
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	NBR - FPM - EPDM

FEATURES

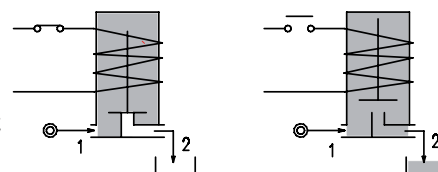
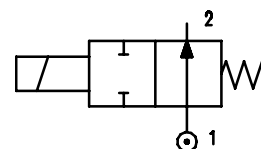
Maximum allowable pressure PS 50bar^③
Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position

OPTIONS: Silver shading ring
Versions for use with industrial oxygen
c  us certified coils

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



2



CODE ① ② ③	Connection G ISO 228	Orifice mm	Kv m³/h	Pressure range bar			Nominal power			Coil		Seal ②	Temp. range °C
				Min	Max		AC Inrush	VA Holding	DC Watt	Series	Width		
					AC	DC							
E210... ..10///...	1/4"	1	0.04	0	80	-	20	15	-	2	30	NBR=B EPDM=E FPM=V	-10 +90
E210... ..15///...		1.5	0.07	0	23	-							
E210... ..20///...		2	0.1	0	17	-							
E210... ..25///...		2.5	0.15	0	12	-							
E210... ..30///...	3/8"	3	0.25	0	9	-							
E210... ..35///...		3.5	0.32	0	7	-							
E210... ..40///...	1/2"	4	0.36	0	5.5	-							
E210... ..45///...		4.5	0.41	0	4.5	-							
E210... ..52///...		5.2	0.47	0	3	-							
D210... ..10///...	1/4"	1	0.04	0	-	80	-	-	10	2	30		-10 +90
D210... ..15///...		1.5	0.07	0	-	18							
D210... ..20///...		2	0.1	0	-	11							
D210... ..25///...		2.5	0.15	0	-	7							
D210... ..30/3/...	3/8"	3	0.25	0	-	6.5							-10 +140
D210... ..35/3/...		3.5	0.32	0	-	4							
D210... ..40/3/...	1/2"	4	0.36	0	-	3.5							
D210... ..45/3/...		4.5	0.41	0	-	3							
D210... ..52/3/...		5.2	0.47	0	-	2.2							
E210... ..10///	1/4"	1	0.04	0	80	80	40	30	27	5	36		-10 +140
E210... ..15///...		1.5	0.07	0	23	23							
E210... ..20///...		2	0.1	0	17	17							
E210... ..25///...		2.5	0.15	0	12	12							
E210... ..30///...	3/8"	3	0.25	0	9	9							
E210... ..35///...		3.5	0.32	0	7	7							
E210... ..40///...	1/2"	4	0.36	0	5.5	5.5							
E210... ..45///...		4.5	0.41	0	4.5	4.5							
E210... ..52///...		5.2	0.47	0	3	3							
E210... ..64///...		6.4	0.64	0	3.5	3.5							

① Connection: B=1/4" , C=3/8" , D=1/2"

② Seal

③ Coil

④ The maximum allowable pressure PS for steam is 2.5bar (gauge pressure)

Example: E210BB25///20B 1/4" connection, NBR seal
Coil 24V 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

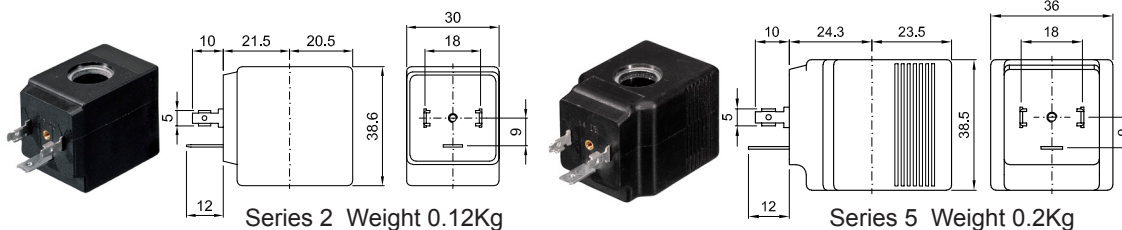
DESCRIPTION

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

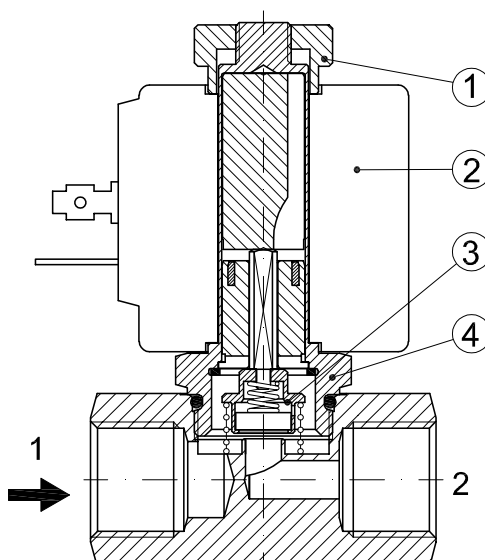
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers
c  US certified coils

(for coil details see section 8)

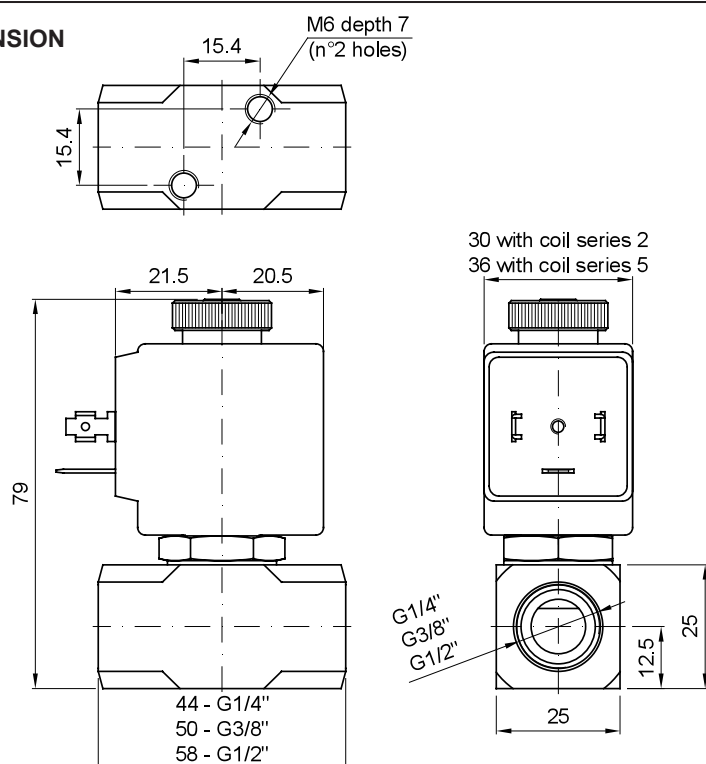


SPARE PARTS LIST

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



OVERALL DIMENSION



Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg