

DESCRIPTION

Solenoid valve 2 way normally closed
direct acting poppet type - Flange fixing

CONSTRUCTION

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

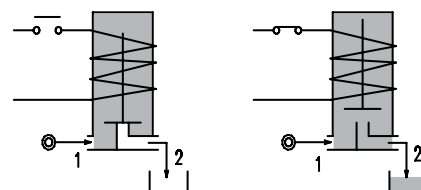
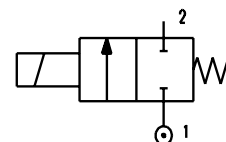
FEATURES

Maximum allowable pressure PS 100bar^④
Maximum fluid viscosity 25cSt (mm²/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position

OPTIONS: Manual override
Electroless nickel plating
Stainless steel seat insert
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	Flange □ 32	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							
E114X...10///...	□ 32	1	0.04	0	80	80	20	15	10	2	30	NBR=B	-10 +90
E114X...12///...		1.2	0.05	0	60	60							
E114X...15///...		1.5	0.07	0	30	26							
E114X...20///...		2	0.1	0	22	20							
E114X...25///...		2.5	0.15	0	16	14							
E114X...30///...		3	0.25	0	15	10							
E114X...35///...		3.5	0.32	0	10	8							
E114X...40///...		4	0.36	0	8	5							
E114X...45///...		4.5	0.41	0	6.5	3.5							
E114X...10///...	□ 32	1	0.04	0	100	100	40	30	27	5	36	FPM=V	-10 +140
E114X...12///...		1.2	0.05	0	100	100							
E114X...15///...		1.5	0.07	0	80	80							
E114X...20///...		2	0.1	0	50	40							
E114X...25///...		2.5	0.15	0	35	33							
E114X...30///...		3	0.25	0	25	24							
E114X...35///...		3.5	0.32	0	20	19							
E114X...40///...		4	0.36	0	16	15							
E114X...45///...		4.5	0.41	0	14	13							

① Seal Example: E114XB25///20E NBR seals

② Coil Coil 230V 50/60Hz

③ Maximum allowable leakage <0.2NI/h

④ 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

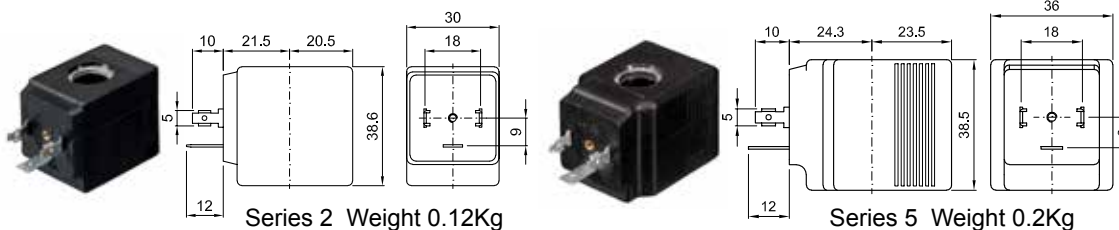
DESCRIPTION

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

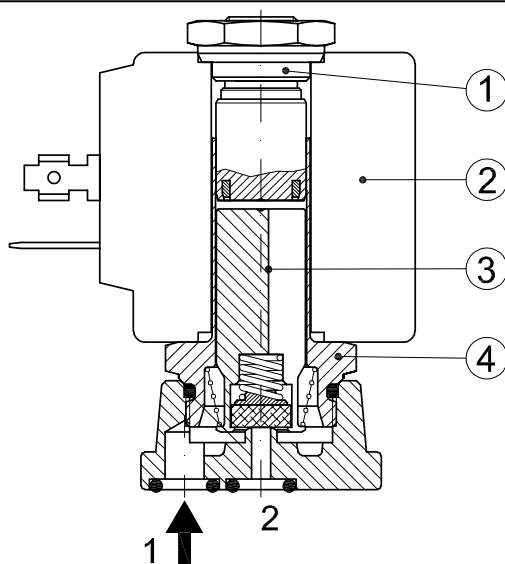
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers
c  US certified coils

(for coil details see section 8)

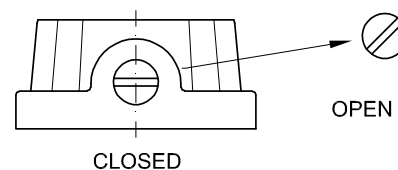


SPARE PARTS LIST

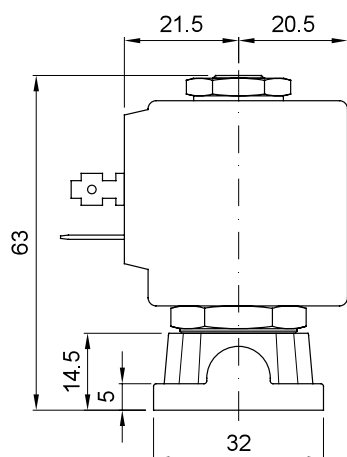
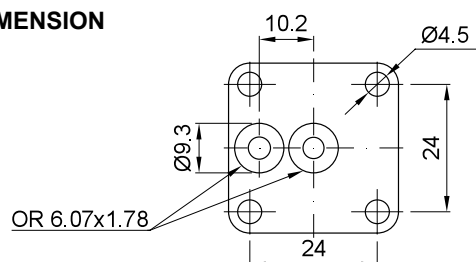
1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube assembly



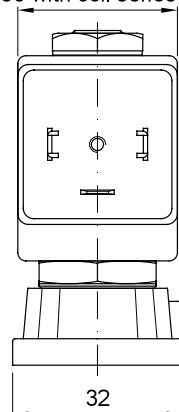
MANUAL OVERRIDE



OVERALL DIMENSION



30 with coil series 2
36 with coil series 5



Weight with coil series 2=0.24Kg
Weight with coil series 5=0.32Kg