



FEATURES

- 4 Proven Plating System
- 4 Reliable for heavy applications
- 4 Suitable for high temperature

TECHNICAL SPECIFICATION

- 4 Body material: Stainless Steel AISI 316 series
- 4 Armature tube: Stainless Steel AISI 300 series
- 4 Plungers: Stainless Steel AISI 400 series
- 4 Spring: Stainless Steel AISI 300 series
- 4 Media: steam, hot water, chemical products compatible with stainless steel, demineralized water, air, water, low pressure steam
- 4 Ambient temperature: See coils catalogue page for its compatibility
- 4 Fluid temperature: -10°C+90°C with NBR seals
-10°C+140°C with FPM, EPDM seals
- 4 (*) +180°C with PTFE seals
- (*) WARNING: For a correct functioning of the solenoid valve the minimum temperature should not be less than +60°C in order to ensure a long diaphragm life, the steam filtration is recommended)
- 4 Design pressure PS 25 bar
- 4 Protection class: IP 65 (complete with electric plug)
- 4 Electrical conformity: IEC 335
- 4 Switching time: 20-40 msec

AVAILABLE ON REQUEST

- 4 Explosion proof coil Ex nA (see Atex section)

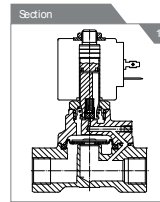


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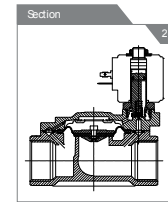


21X	2	K	V	120		B	D	A	08	024	A	S
Model valve	2= G 1/2 3= G 3/4 4= G 1	K= NC K= NO	V= FPM V= NBR V= EPDM V= PTFE	120 180 250	Ort= 10 mm	B= 30mm Ø 13 U= 36mm Ø 13 G= 52mm Ø 13	D BN 175301-803	B= Gas F Y= Gas H	08= 8W 12= 12W 14= 14W	024= 24V 112= 110V/120V 230= 230V	Or DC A= AC D= AC	S= Without Approval Y= UL, CSA, VDE

PIPE	Ø (mm)	Kv (l/min)	MAX VISCOSITY cSt (°F)	PRESSURE min	PRESSURE MAX (MPa) (bar)						GAS CODE	NPT CODE	DRAWING REFERENCE
					COIL TYPE								
					AC			DC					
B	U	G	B	U	G								
G 1/2	12	35	-	0.5	10	-	-	10	-	-	21X2K120		1
G 1/2	12	35	12(2)	0.1	20	-	-	20	-	-	21X2K120		1
1/2 NPT	12	35	12(2)	0.1	20	-	-	20	-	-	21XNK1V120		1
G 3/4	19	120	-	0.5	10	-	-	10	-	-	21XK190		1
G 3/4	19	130	12(2)	0.1	16	-	-	16	-	-	21XNA190		1
G 1	25	130	-	0.5	10	-	-	10	-	-	21XK250		1
G 1	25	160	12(2)	0.1	16	-	-	16	-	-	21XNA120		1
1 NPT	25	160	12(2)	0.1	16	-	-	16	-	-	21XNK1250		1

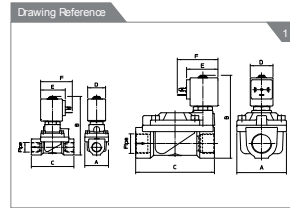


REPAIR KIT
K130K30-H
K130K60-H
G 1/2 - 1/2 NPT
K100K1K12
G 3/4 - G 1 - 1 NPT
K100K1K19



- INSTALLATION**
- 4 The solenoid valves can be mounted in any position
 - 4 Holes and threaded connections for panel fixing
 - 4 Other port connections available on request
 - 4 Maintenance and instruction sheet available in each solenoid valve box
 - 4 Availability of repair kit and coils as spares

- RELATED ITEMS**
- 4 P990305: Electrical plug BN 175301-803 Pg9
 - 4 P990306: Electrical plug BN 175301-803 Pg11
 - 4 P992126: Electrical plug BN 175301-803 Pg9 (with CR screw)
 - 4 P992127: Electrical plug BN 175301-803 Pg11 (with CR screw)
 - 4 P992128: Electrical plug BN 175301-803 cable 2 wires 50cm
 - 4 P1652714: Antihumidity kit (up to IP67 protection together with plugs P992126, P992127, P992128 & H coils class)
 - 4 P992267: Timer for automatic switch



Dimensional Table

Figure	Pipe	Coil Type	A mm	B mm	C mm	D mm	E mm	F mm
1-2	G 1/2 1/2 NPT	B	40	103	73	30	42	54
	G 3/4 G 1 NPT	B	66	115	104	30	42	54

