





**FEATURES**

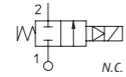
- ▶ Food grade
- ▶ High performance technopolymer
- ▶ Compact design

**TECHNICAL SPECIFICATION**

- ▶ **Body material:** PPS
- ▶ **Armature tube (for JPARR - JP1RR)** Brass UNI EN 12165 CW617N
- ▶ **Armature tube (JPART - JP1R1)** Stainless Steel AISI 300 series
- ▶ **Plungers:** Stainless Steel AISI 400 series
- ▶ **Spring:** Stainless Steel AISI 300 series
- ▶ **Media:** air, water, inert gases, steam
- ▶ **Ambient temperature:** -10°C +60°C (-10°C+80°C with H coil class, depending on coils)
- ▶ **Fluid temperature:** -10°C +140°C with FKM seals
- ▶ **Design pressure PS:** 16 bar
- ▶ **Protection class:** IP65 (complete with electric plug)
- ▶ **Electrical conformity:** IEC335
- ▶ **Switching time:** 20 - 40 msec (depending on pressure conditions)

**AVAILABLE ON REQUEST**

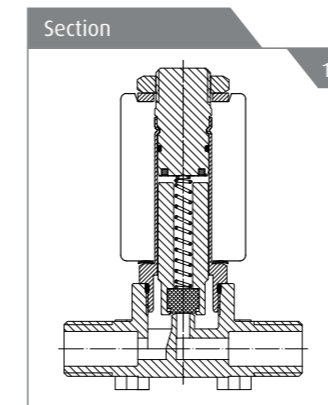
- ▶ NSF approved version



21JP	1	RR	V	12		L	B	A	05	024	A	S
Model valve	1= G 1/8 A= G 1/8	RR= N.C. R1= N.C.	V= FKM	12 23	Orefice 10 <sup>-1</sup> mm	L 22mm 2,5W - 5W - 4W	D EN 175301-803	A= Class F V= Class H	05= 5W 2X= 2,5W	024= 24V 110= 110V 230= 230V	A= AC C= DC	S= Without Approval Y= UL, CSA, VDE X= UL, VDE U= UL

PIPE	Ø (mm)	Kv (l/min)	MAX VISCOSITY cSt (°E)	PRESSURE min	PRESSURE MAX MOPD (bar)				GAS CODE	NTP CODE	DRAWING REFERENCE
					COIL TYPE						
					AC		DC				
G 1/8 male	1,2	1	12(2)	0	15	15	3,5	12	21JPARRV12	(Available on request)	1
G 1/8 male	1,2	1	12(2)	0	15	15	3,5	12	21JPARRV12-T0*	(Available on request)	1
G 1/8 male	2,3	2,1	37(5)	0	6	15	-	8	21JPARRV23	(Available on request)	1
G 1/8 male	2,3	2,1	37(5)	0	6	15	-	8	21JPARRV23-T0*	(Available on request)	1
G 1/8	1,2	1	12(2)	0	15	15	3,5	12	21JP1RRV12	(Available on request)	2
G 1/8	1,2	1	12(2)	0	15	15	3,5	12	21JP1R1V12-T0*	(Available on request)	2
G 1/8	2,3	2,1	37(5)	0	6	15	-	8	21JP1RRV23	(Available on request)	2
G 1/8	2,3	2,1	37(5)	0	6	15	-	8	21JP1R1V23-T0*	(Available on request)	2

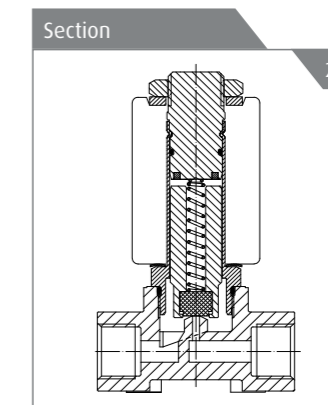
(\*) NSF Certified



**REPAIR KIT**  
Coil L 2,5W-5W (see coil list)

**RELATED ITEMS**

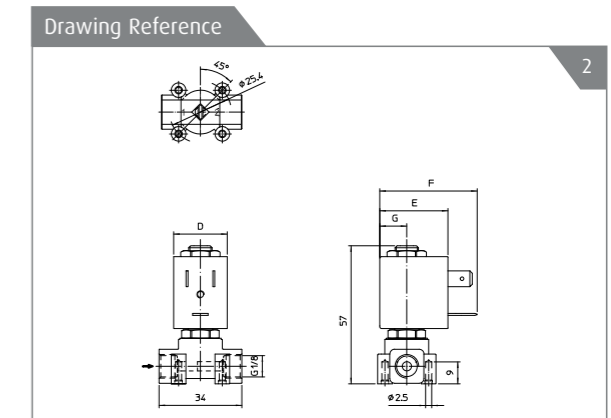
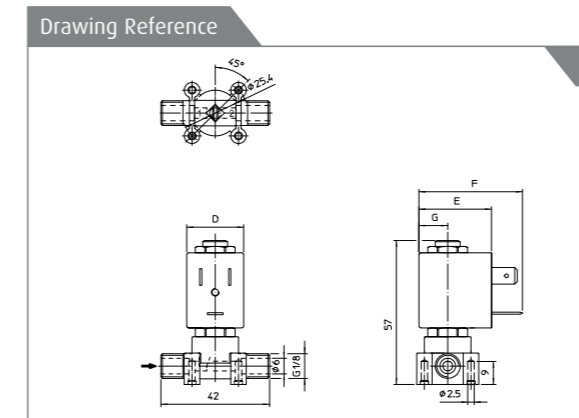
- ▶ P990307: Electrical plug EN 175301-803 Pg9



**REPAIR KIT**  
Coil L 2,5W-5W (see coil list)

**INSTALLATION**

- ▶ The solenoid valves can be mounted in any position
- ▶ Holes and threaded connections for panel fixing
- ▶ Other port connections available on request
- ▶ Maintenance and instruction sheet available in each solenoid valve box

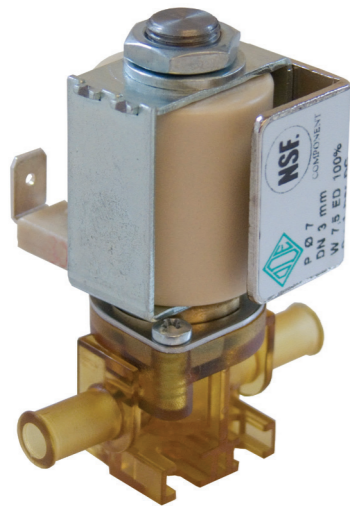


**Dimensional Table**

Figure	Coil Type	D mm	E mm	F mm	G mm
1-2	L	22	27,5	39,5	11

**Note**  
In case glue is used to seal the fittings, verify the compatibility with body material (PPS)



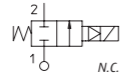


**FEATURES**

- ▶ NSF approved version
- ▶ Totally separation Valve
- ▶ Fluid untouched when flowing

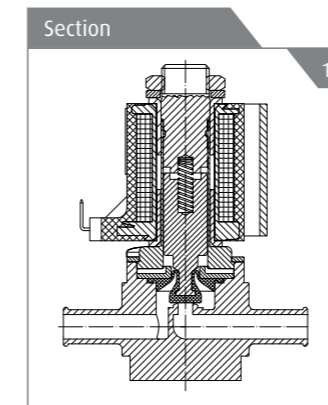
**TECHNICAL SPECIFICATION**

- ▶ **Body material:** PEI
- ▶ **Armature tube:** Brass - UNI EN 12164 CW614N
- ▶ **Plungers:** Stainless Steel AISI 400 serie
- ▶ **Spring:** Stainless Steel AISI 300 serie
- ▶ **Media:** water
- ▶ Up to 1 bar
- ▶ **Ambient temperature:** -10°C +60°C
- ▶ **Fluid temperature:** 0°C +95°C with EPDM seals
- ▶ **Electrical conformity:** IEC335



21SB	G	S4	E	30		H	L	R	7X	024	C	S
Model valve	G= Ø 7	S4= N.C.	E= EPDM	30 50	Orefice 10·1mm	H= 30mm Ø 10	L= 2 faston bent at 30°	R= Class F	7X= 7,5W	024= 24V	C= DC	S= Without approval

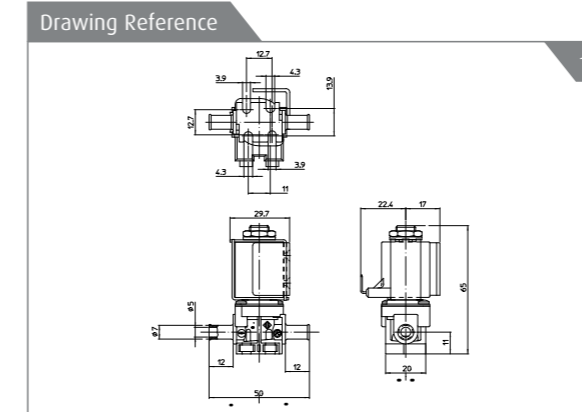
PIPE	Ø (mm)	Kv (l/min)	MAX VISCOSITY cSt (°E)	PRESSURE min	PRESSURE MAX MOPD (bar)				GAS CODE	NTP CODE	DRAWING REFERENCE
					COIL TYPE						
					AC		DC				
Ø 7	3	4	-	0	-		1		21SBGS4E30_H036		1
Ø 7	5	6	-	0	-		1		21SBGS4E50_H036		1



**REPAIR KIT**  
Coil P/N  
RHRL7X024CS

**RELATED ITEMS**

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





**FEATURES**

- ▶ Light and reliable
- ▶ Up to 15 bar
- ▶ Proven actuation system

**TECHNICAL SPECIFICATION**

- ▶ **Body material:** PPS
- ▶ **Armature tube (fig.1)** Stainless Steel AISI 300 serie
- ▶ **Armature tube (fig.2)** Brass - UNI EN 12165 CW617N
- ▶ **Plungers:** Stainless Steel AISI 400 serie
- ▶ **Spring:** Stainless Steel AISI 300 serie
- ▶ **Media:** air, water, inert gases, steam
- ▶ **Ambient temperature:** -10°C +60°C (-10°C +80°C with H coil class, depending on coils)
- ▶ **Fluid temperature:** -10°C + 140°C with FKM seals
- ▶ **Design pressure PS:** 16 bar
- ▶ **Protection class:** IP 65 (complete with electric plug)
- ▶ **Electrical conformity:** IEC335
- ▶ **Switching time:** 20-40 msec

**AVAILABLE ON REQUEST**

- ▶ NSF approved version



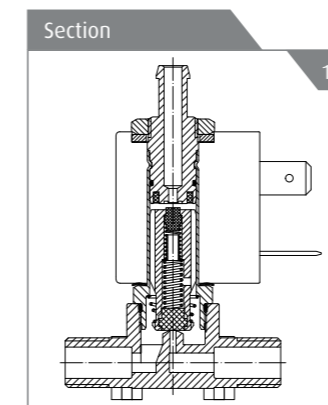
31JP	1	XP	V	12		L	B	A	05	024	C	S
Model valve	1= G 1/8	XP= N.C.	V= FKM	12 23	Orefice 10*1mm	L= 22mm 5W	B EN 175301-803	A= Class F V= Class H	05= 5W 2X= 2,5W	024= 24V 110= 110V-120V 220= 220V	C= DC A= AC B= AC	S= Without Approval U= UL

PIPE	Ø (mm)	Kv (l/min)	MAX VISCOSITY cSt (°E)	PRESSURE min	PRESSURE MAX MOPD (bar)				GAS CODE	CODE NTP	DRAWING REFERENCE
					COIL TYPE						
					AC		DC				
					L		L				

(\*) 3rd way exhaust= Ø 1,7mm

(°) NSF Certified

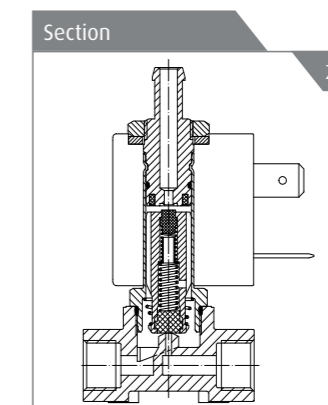
G 1/8 male	12°	0,75	12(2)	0	15		-					31JPAXPV12-T0°	1
G 1/8 male	12°	0,75	12(2)	0	15		-					31JPAXRV12	1
G 1/8 male	23°	2,1	37(5)	0	5		-					31JPAXPV23-T0°	1
G 1/8 male	23°	2,1	37(5)	0	5		-					31JPAXRV23	1
G 1/8 female	12°	0,75	12(2)	0	15		-					31JP1XPV12-T0°	2
G 1/8 female	12°	0,75	12(2)	0	15		-					31JP1XRV12	2
G 1/8 female	23°	2,1	37(5)	0	5		-					31JP1XPV23-T0°	2
G 1/8	23°	2,1	37(5)	0	5		-					31JP1XRV23	2



**REPAIR KIT**  
For spare parts please consult our technical department  
**Coil P/N**  
RLBA  
RLBV

**RELATED ITEMS**

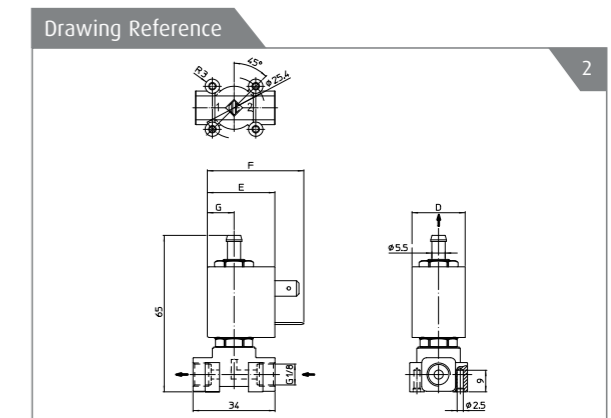
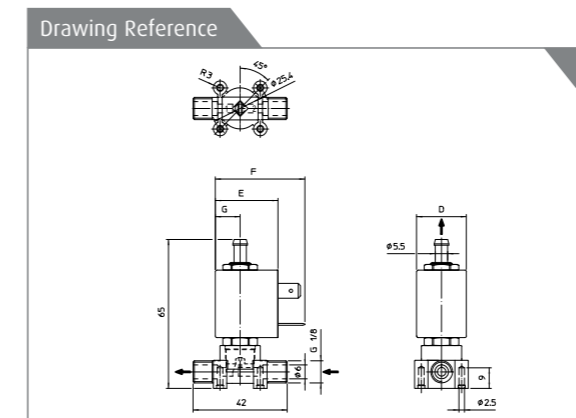
- ▶ P990307: Electrical plug EN 175301-803 Pg9



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For spare parts please consult our technical department  
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**INSTALLATION**

- ▶ The solenoid valves can be mounted in any position
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**Dimensional Table**

Figure	Coil Type	D mm	E mm	F mm	G mm
1-2	L	22	27,5	39,5	11

**Note**  
Max torque for fittings and nut assembly 2Nm  
In case glue is used to seal the fittings, verify the compatibility with body material (PPS)

