

Explosion-proof solenoid valves for international standards



Conforming to international standards

EU ATEX ATEX guidelines (EU)

[Authorization by TÜV Rheinland]

Equipment and Protective Systems intended for use in potentially Explosive Atmospheres

Korea Kosha

[Authorization by KOSHA]

Korea Occupational Safety & Health Agency

China

[Authorization by NEPSI]

NEPSI

National Supervision and Inspection Center for Explosion Protection Safety of Instrumentation Taiwan.R.O.C. TS mark

Solenoid valves for fluid control

Fluid	Air/Gas/Water/Oil	
Insulation class	Class H	
Rated voltage	AC100V(50/60Hz) AC200V(50/60Hz) DC24 DC100V etc.	

Number of ports	Valve operation type	Port size
2-Port	Normally closed	Rc1/8~Rc2
Z-1 OIT	Normally open 1/8NPT~2	1/8NPT~2NPT
3-Port	Normally closed	Rc1/8~Rc1/2
	Normally open	1/8NPT~1/2NPT
	Universal	Rc1/8~Rc1/4 1/8NPT~1/4NPT

Pneumatic Solenoid Valves

Direct piping type



Fluid	Compressed air	
Insulation class	Class H	
Rated voltage	AC100V(50/60Hz) AC200V(50/60Hz) DC24 DC100V etc.	

Number of ports	Valve operation type	Port size
5-Port	Return	Rc1/4~Rc3/8
5-Port	Hold	1/4NPT~3/8NPT

Gasket connection type



Fluid	Compressed air	
Insulation class	Class H	
Rated voltage	AC100V(50/60Hz) AC200V(50/60Hz) DC24 DC100V etc.	

Number of ports	Valve operation type	Port size
4-Port	Return Bc1/4~Bc1/2	Rc1/4~Rc1/2
4-FOIL	Hold	1/4NPT~1/2NPT
	Return	
	Hold	
5-Port	Closed center	Rc1/4~Rc1 1/4NPT~1NPT
	Center open to exhaust	17 1141 1
	Center open to pressure	

Direct piping, NAMUR interface type



Fluid	Compressed air	
Insulation class	Class H	
Rated voltage	AC100V(50/60Hz) AC200V(50/60Hz) DC24 DC100V etc.	

	Number of ports	Valve operation type	Port size
	5-Port	Return	Rc1/4
		Hold	1/4NPT

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