

FOR REFERENCE ONLY

SOLENOID VALVE

SPECIFICATIONS for MODEL WLB-2R(K)-N4F(G)

- COIL TYPE : LATCH
- ORIFICE DIAMETER : 2mm
- PORT CONNECTION : HOSE BARB
- OPERATING PRESSURE RANGE : IN -90 ~ 200kPa
{ -675mmHg ~ 2.0bar }
- OUT 0 ~ 100kPa
{ 0 ~ 1.0bar }
- FLUID MEDIA : FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
- MEDIA TEMPERATURE RANGE : 5 ~ 50°C
- AMBIENT TEMPERATURE RANGE : 5 ~ 50°C
- RATED VOLTAGE : 12VDC, 24VDC
- POWER CONSUMPTION : 8W
- ENERGIZING TIME : 0.2s ~ 1s
- DUTY CYCLE : INTERMITTENT
ED=10% MAXIMUM ON TIME 5min.
- INSULATION CLASS : CLASS E
- DIELECTRIC STRENGTH : 1000VAC FOR 60s

TABLE OF LEAD COLOR, POLARITY AND VALVE STATUS

+12VDC	POLARITY : LEAD COLOR	⊕ : BLUE	⊖ : RED	⊕ : RED	⊖ : BLUE
	STATUS	OPEN → CLOSED		CLOSED → OPEN	
+24VDC	POLARITY : LEAD COLOR	⊕ : BLACK	⊖ : RED	⊕ : RED	⊖ : BLACK
	STATUS	OPEN → CLOSED		CLOSED → OPEN	

NOTE

MODEL NUMBER	BODY MATERIAL	SOFT SEAL MATERIAL
WLB-2R-N4F	PPS	FPM
WLB-2R-N4G	PPS	DA1EL _g PERFLUOR
WLB-2K-N4F	PEEK	FPM
WLB-2K-N4G	PEEK	DA1EL _g PERFLUOR

WETTED MATERIALS

PART NAME	MATERIAL	REQD.	NOTE
SOLENOID VALVE			
	DIAPHRAGM	PTFE	1
	SOFT SEAL	FPM/DA1EL _g PERFLUOR	1
	VALVE BODY	PPS/PEEK	1
SOLENOID VALVE			
WLB-2R(K)-N4F(G)			

