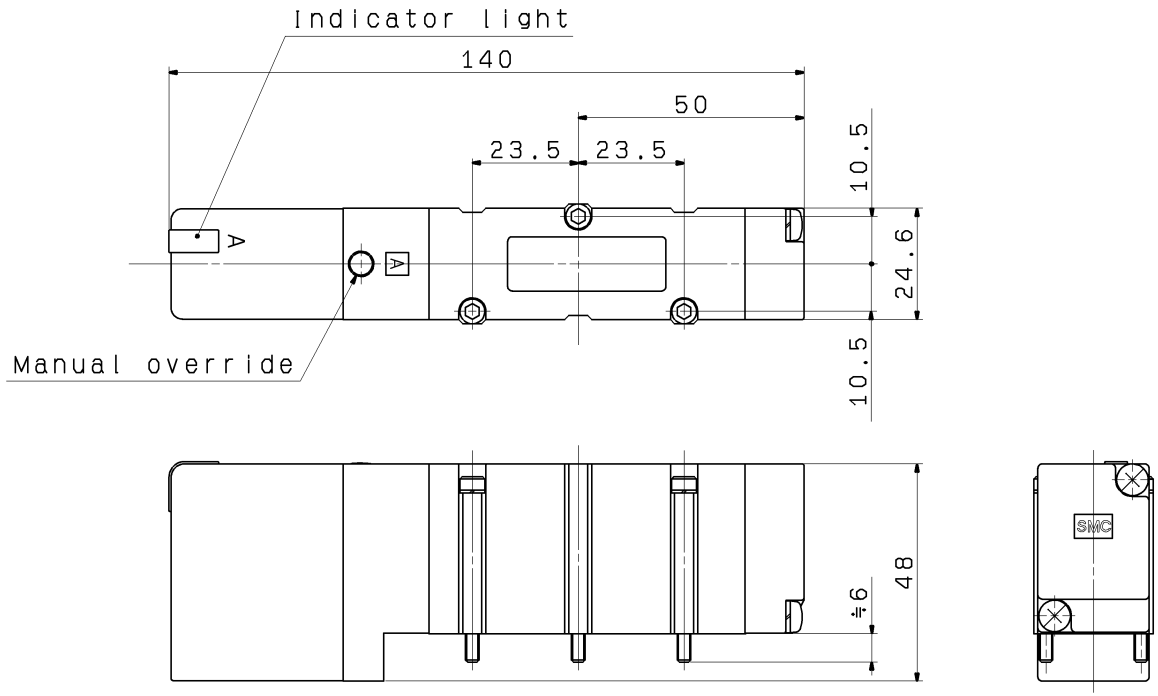


SPECIFICATIONS

VALVE	VALVE CONSTRUCTION		RUBBER SEAL
	FLUID		AIR/INERT GAS
	OPERATING PRESSURE RANGE		0.25 ~ 0.7 MPa
	AMBIENT AND FLUID TEMPERATURE		-10 ~ +50°C NOTE 1)
	LUBRICATION		NOT REQUIRED
	MANUAL OVERRIDE		PUSH TYPE
	IMPACT/VIBRATION RESISTANCE NOTE 2)		150/30m/s²
	ENCLOSURE		DUST PROOF(IP67 COMPLIANT)
SOLENOID	RATED COIL VOLTAGE		24V DC
	ALLOWABLE VOLTAGE FLUCTUATION		±10% OF RATED VOLTAGE
	COIL INSULATION TYPE		EQUIVALENT TO B TYPE
	POWER CONSUMPTION (CURRENT)	24V DC	0.5W DC(21mA)

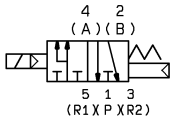
NOTE 1)USE DRY AIR TO PREVENT CONDENSATION AT LOW TEMPERATURES.
NOTE 2)IMPACT RESISTANCE :NO MALFUNCTION RESULTED FROM THE IMPACT TEST USING A DROP IMPACT TESTER. THE TEST WAS PERFORMED ONE TIME EACH IN THE AXIAL AND RIGHT ANGLE DIRECTIONS OF THE MAIN VALVE AND ARMATURE,FOR BOTH ENERGIZED AND DE-ENERGIZED STATES.
VIBRATION RESISTANCE:NO MALFUNCTION OCCURRED IN A ONE-SWEEP TEST BETWEEN 45 AND 2000Hz. TEST WAS PERFORMED IN THE AXIAL AND RIGHT ANGLE DIRECTIONS OF THE MAIN VALVE AND ARMATURE FOR BOTH ENERGIZED AND DE-ENERGIZED STATES.

SPECIAL SPECIFICATIONS

1)External pilot emergency shutdown valve.
2)Low wattage.

NOTE

1)When the air supply is cut, the main valve returns to the OFF position.
2)VVQC4000-1A-$^{D}_{S}$-CO-X10:Install in the manifold block and use it.



SYMBOL

SMC CORPORATION TOKYO JAPAN OCT 5 2009 DEVELOPMENT SECTION

REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO

FINISH / PAINT / PACKING / MATERIAL / MATERIAL SIZE / MODEL / QTY

TOLERANCES JIS B 0405

RANGE(mm)	GRADE f ±	m ±	c ±
0.5≤D≤3	0.05	0.1	0.2
3<D≤6	0.05	0.1	0.3
6<D≤30	0.1	0.2	0.5
30<D≤120	0.15	0.3	0.8
120<D≤400	0.2	0.5	1.2
400<D≤1000	0.3	0.8	2
1000<D≤2000	0.5	1.2	3

DRAWN DATE
DESIGNED DATE T.Mori 2009-09-28
CHECKED DATE
APPROVED DATE Y.Doi 2009-09-28

SCALE FREE
THIRD ANGLE
DWG NAME SOLENOID VALVE
DWG NO C VQC4101Y-5-X10
REVISION

FINISH:表面処理 / PAINT:塗装 / PACKING:包装区分
MATERIAL:材質 / MATERIAL SIZE:材料寸法

DWG NAME SOLENOID VALVE | DWG REC | DWG ID BA22273001 | SMC Corporation