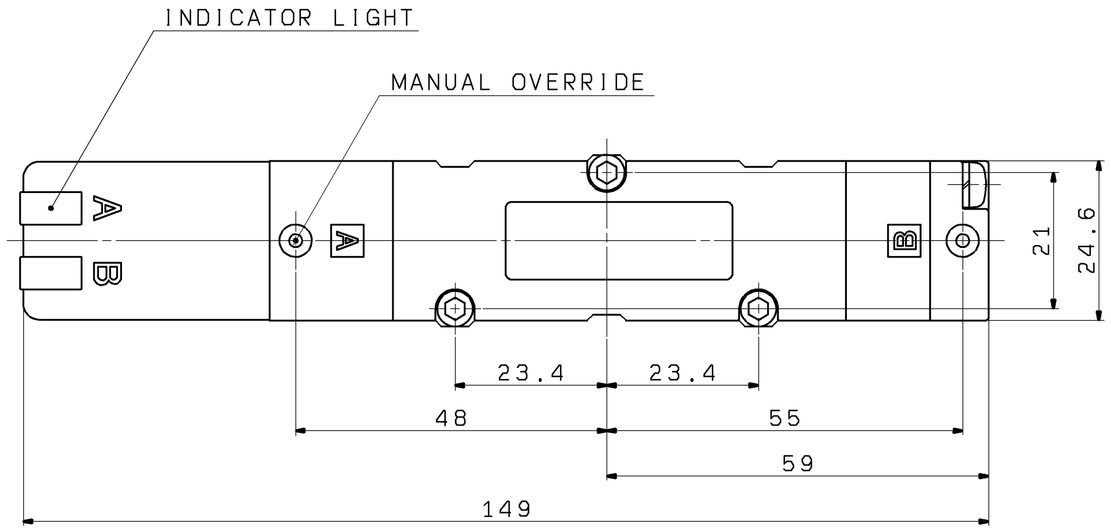
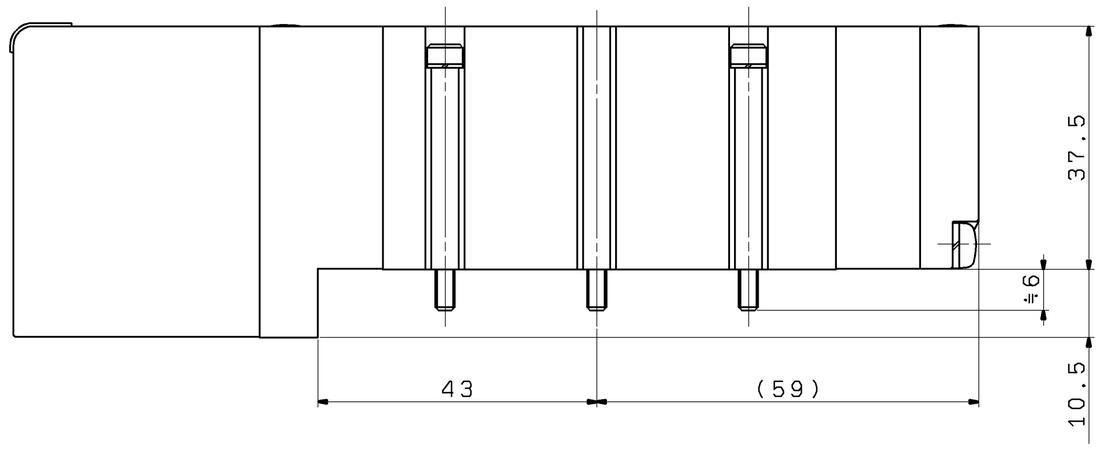
DWG NO

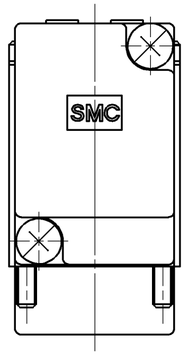


SPECIFICATIONS

VALVE	VALVE CONSTRUCTION	RUBBER SEAL	
	FLUID	AIR/INERT GAS	
	OPERATING PRESSURE RANGE	VACUUM ~ 1.0 MPa	
	EXTERNAL PILOT PRESSURE RANGE	0.15 ~ 1.0 MPa	
	AMBIENT AND FLUID TEMPERATURE	-10 ~ +50°C	NOTE 1)
	PROOF PRESSURE	1.5 MPa	
	LUBRICATION	NOT REQUIRED	
	MANUAL OVERRIDE	NON-LOCKING PUSH TYPE(SLOTTED)	
	IMPACT/VIBRATION RESISTANCE	150/30m/s²	NOTE 2)
	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)	1W DC(42mA)	

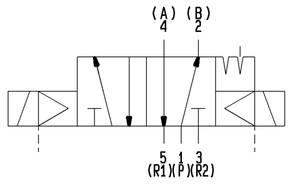
NOTE 1)USE DRY AIR TO PREVENT CONDENSATION AT LOW TEMPERATURES.
NOTE 2)IMPACT RESISTANCE:NO MALFUNCTION RESULTED FROM THE IMPACT TEST USING A DROP IMPACT TESTER. THE TEST WAS PERFORMED ONE TIME EACH IN THE AXIAL AND RIGHT ANGLE DIRECTIONS OF THE MAIN VALVE AND ARMATURE,FOR BOTH ENERGIZED AND DE-ENERGIZED 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)WITH DETENT FUNCTION.
2)EXTERNAL PILOT.
3)SPECIAL LAMP COVER.(COLOR:RED)



SYMBOL

CE

We hereby declare that this product conforms with following directives

EMC Directive 2004/108/EC
Low Voltage Directive 2006/95/EC

The relevant technical files are available.

REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO

TOLERANCES JIS B 0405	GRADE f ±	m ±	c ±
RANGE(mm)			
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.Watanabe 2013-06-19
CHECKED	DATE	
APPROVED	DATE	Y.Doi 2013-06-19

FINISH	
PAINT	
MASS	
PACKING	
MATERIAL	
MATERIAL SIZE	

SCALE FREE

MODEL QTY

THIRD ANGLE

DWG NAME SOLENOID VALVE

DWG NO C VQC4201R-5-X77

REVISION

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

DWG NAME | DWG REC | DWG ID BA37026200 | SMC Corporation

A2-V06