

適合宣言書  
DECLARATION OF CONFORMITY

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Serial Interface Unit      EX180 series

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**SMC Corporation**



## DECLARATION OF CONFORMITY

According to EMC Directive 2004/108/EC

SMC Corporation

(Name of company)

Akihabara UDX 15F, 4-14-1, Sotokanda, Chiyoda-ku, Tokyo-to 101-0021,  
Japan

(Address)

declares, in sole responsibility, that the following equipment

Serial Interface Unit, EX180 series

(Type or model, designation, country of origin)

referred to in this declaration conforms with the following directive and standards:

EMC Directive 2004/108/EC; EN61000-6-2: 2005, EN55011:2007+A2:2007

(Title or number and issue date of normative documents)

The company named above will keep on file for review the following technical documentation:

- Operating and maintenance instructions
- Technical drawings
- Description of measures designed to ensure conformity
- Other technical documentation, e.g. quality assurance for design and production

Importer/Distributor in EU:

Refer to the attached page

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Tokyo, 22th Jun, 2009

(Place and date issued)

  
Satoru Chujo

General Manager

Development Division – V

(Name and signature as well as position of declarant)



## TEST SPECIFICATION

EMC Directive 2004/108/EEC; EN61000-6-2:2005, EN55011:2007+A2:2007

### 1. Electromagnetic Emission

Radiated Electric Field Strength: EN55011:2007+A2:2007  
group 1, class A

### 2. Electromagnetic Susceptibility (Immunity)

ESD: EN61000-6-2:2005  
(EN61000-4-2:1995/A1:1998/A2:2001)  
±4kV contact  
±8kV air discharge

RS: EN61000-6-2:2005  
amplitude modulated (EN61000-4-3:2002/A1:2002)  
80-1000MHz 10V/m(1kHz AM 80%)  
1.4-2.0GHz 3V/m(1kHz AM 80%)  
2.0-2.7GHz 1V/m(1kHz AM 80%)

CS: EN61000-6-2:2005  
amplitude modulated (EN61000-4-6:1996/A1:2001)  
0.15-80MHz  
10V(1kHz AM 80%)

EFT/Burst: EN61000-6-2:2005  
(EN61000-4-4:2004)  
DC power lines ±2kV(5/50ns, 5kHz )  
Signal lines ±1kV(5/50ns, 5kHz)

Surge: EN61000-6-2:2005  
(EN61000-4-5:1995/A1:2001)  
DC power lines ±0.5kV(5times, common mode)  
Signal lines ±1kV(5times, common mode)

Power-Frequency Magnetic Field: EN61000-6-2:2005  
(EN61000-4-8:1993/A1:2001)  
30A/m(50Hz)

## LIST OF MODEL NAMES

Model number	Model names
EX180-SDN1/SDN1A/SDN2/SDN2A/SMJ1/SMJ1A	Serial Interface Unit

-X\*\*: In the case of special product, it is added the "-X" and the number from 0 to 9999.  
But, the product to which the CE mark is not marked is excluded.

Importer / Distributor in EU			
Country	Company	Address	Telephone
Austria	SMC PNEUMATIK GmbH. (Austria)	Girakstrasse 8, A-2100 Korneuburg	+43 2262 62 280
Belgium	SMC PNEUMATICS N.V./S.A	Nijverheidsstraat 20, B-2160 Wommelgem	+32 3 355 14 64
Bulgaria	SMC Industrial Automation Bulgaria EOOD	16 kliment Ohridski Blvd., fl.13 BG-1556 Sofia	+359 2 9744492
Cyprus	Contact Italy		
Czech Republic	SMC INDUSTRIAL AUTOMATION CZ s.r.o.	Hudcova 78a, CZ-612 00 Brno	+420 5 414 24611
Denmark	SMC PNEUMATIK A/S	Knudsminde 4 B, DK-8300 Odder	+45 70 25 29 00
Estonia	SMC PNEUMATICS ESTONIA OÜ	Laki 12-101, 106 21 Tallinn	+372 6 59 35 40
Finland	SMC PNEUMATICS FINLAND OY	Tiistinniityntie 4, FIN-02231 Espoo	+358 207 513513
France	SMC PNEUMATIQUE S.A.	1, Bd de Strasbourg, Parc Gustave Eiffel Bussy Saint Georges, F-77600 Marne La Vallee Cedex 3	+33 1 64 76 10 00
Germany	SMC PNEUMATIK GmbH	Boschring 13-15, D-63329 Egelsbach	+49 6103 4020
Greece	SMC Hellas EPE	Anagenniseos 7-9 - P.C. 14342, N. Philadelphia, Athens	+30 210 2717265
Hungary	SMC HUNGARY Kft.	Budafoki ut 107-113, H-1117 Budapest	+36 1 371 1343
Ireland	SMC PNEUMATICS (Ireland) Ltd.	2002 Citywest Business Campus, Naas Road, Saggart, Co. Dublin	+353 1 403 9000
Italy	SMC ITALIA S.p.A.	Via Garibaldi 62, I-20061 Carugate, Milano	+39 02 927 11
Latvia	SMC Pneumatics Latvia SIA	Šmerla iela 1-705, LV-1006 Riga	+371 781 77 00
Lithuania	SMC Lietuva, UAB	Oslo g.1, LT-04123 Vilnius	+370 5 264 81 26
Luxemburg	Contact Belgium or Netherlands		
Malta	AIM Enterprises Ltd	Gudja Road, Ghaxaq ZTN 014	+356 21 802828
Netherlands	SMC PNEUMATICS B.V .	De Ruyterkade 120, NL-1011 AB Amsterdam	+31 20 531 8888
Poland	SMC INDUSTRIAL AUTOMATION POLSKA Sp.z o.o	ul. Konstruktorska 11A, PL-02-673 Warszawa	+48 22 548 50 85
Portugal	SMC ESPAÑA (Sucursal Portugal) S.A.	Rua De Eng Ferreira Dias 452, 4100 Porto	+351 22 610 89 22
Romania	SMC ROMANIA SRL	Str Frunzei,29, Sector 2, Bucharest	+40 21 320 51 11
Slovakia	SMC PRIEMYSELNÁ AUTOMATIZÁCIÁ s.r.o.	Nova 3, SK-831 03 Bratislava	+421 2 444 56 725
Slovenia	SMC INDUSTRIJSKA AVTOMATIKA d.o.o.	Grajski trg 15, SLO-8360 Zuzemberk	+386 738 8524 0
Spain	SMC ESPAÑA S.A.	Zuazobidea 14, Polígono Industrial de Júndiz, E-01015 Vitoria	+34 945 184100
Sweden	SMC PNEUMATICS SWEDEN AB	Ekhagsvägen 29-31, Box 5017, S- 141 05 Huddinge	+46 8 603 12 00
United Kingdom	SMC PNEUMATICS (U.K.) LTD	Vincent Avenue, Crownhill, Milton Keynes MK8 0AN	+44 1908 56 38 88

Importer / Distributor in other European countries			
Country	Company	Address	Telephone
Bosnia & Herzegovina	A.M. Pneumatik d.o.o.	Ul. Goli Brijeg br. 64 BA-75000 Tuzla	+387 35 28 21 81
Croatia	SMC Industrijska automatika d.o.o.	Crnomerec 12, 10000 ZAGREB	+385 1 377 66 74
Norway	SMC PNEUMATICS NORWAY AS	Vollsveien 13 C, Granfoss Næringspark, N-1324 Lysaker	+47 67 12 90 20
Russia	SMC PNEUMATIK LLC	4B Sverdlovskaja nab, 195009 St. Petersburg	+7 812 718 5445
Serbia	Best Pneumatics d.o.o.	Ilije Garašanina 5 11 000 Beograd Serbien u.Mont. (CS)	+381 11 3221758
Switzerland	SMC PNEUMATIK AG	Dorfstrasse 7, Postfach 117, CH-8484 Weisslingen	+41 52 396 31 31
Turkey	ENTEK PNÖMATİK SAN. TIC. LTD. STİ.	Perpa Tic. Merkezi, Kat: 11 No: 1625, 80270 Okmeydani, Istanbul	+90 212 221 15 12