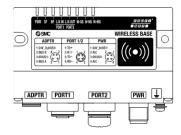


ORIGINAL INSTRUCTIONS

Instruction Manual SMC Wireless System - Compact Base PROFINET compatible Series EXW1-BPNAC1



The intended use of this product is to provide a connection from the PROFINET communication network to a pneumatic valve manifold or I/O system via wireless communication.

1 Safety Instructions

These safety instructions are intended to prevent hazardous situations and/or equipment damage. These instructions indicate the level of potential hazard with the labels of "Caution," "Warning" or "Danger."

They are all important notes for safety and must be followed in addition to International Standards (ISO/IEC) *1), and other safety regulations.

^{*1)} ISO 4414: Pneumatic fluid power — General rules and safety requirements for systems and their components.

ISO 4413: Hydraulic fluid power — General rules and safety requirements for systems and their components

IEC 60204-1: Safety of machinery - Electrical equipment of machines. Part 1: General requirements

ISO 10218-1: Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots

- Keep this manual in a safe place for future reference.
- Refer to the product catalogue, Operation Manual and Handling Precautions for SMC Products for additional information.

A Danger	Danger indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
A Warning	Warning indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
▲ Caution	Caution indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.

Marning

 Always ensure compliance with relevant safety laws and standards.

All work must be carried out in a safe manner by a qualified person in compliance with applicable national regulations.

2 Specifications

2.1 Electrical specifications

Item	Specification
Power supply voltage for control (US1)	24 VDC +/-10 %
Current consumption	150 mA or less

2 Specifications (continued)

2.2 General specifications

Item	Specification
Enclosure rating	IP67
Ambient operating temperature	-10 to +50 °C
Ambient storage temperature	-20 to +60 °C
Ambient humidity	35 to 85% RH (no condensation)
Withstand voltage	500 VAC for 1 minute between external terminals (including the FE terminal) and enclosure screws
Insulation resistance	10 MΩ or more (500 VDC between external terminals (including the FE terminal) and enclosure screws
Vibration resistance	EN61131-2 compliant: $5 \le f < 8.4 \text{ Hz } 3.5 \text{ mm}$ $8.4 \le f < 150 \text{ Hz } 9.8 \text{ m/s}^2$
Impact resistance	EN61131-2 compliant: 147 m/s², 11 ms
Weight (EXW1-BPN# + A11#)	160 g + 40 g

2.3 EXW1-A11# wireless adaptor specifications

Item	Specification
US1 (for control) power supply voltage	24 VDC +/-10 %
Current consumption	50 mA or less

2.4 PROFINET Communication specifications

Item	Specification
Protocol	PROFINET IO (Conformance Class B)
Number of ports	2 ports
Communication medium	100-Base-TX Ethernet cable (CAT5) (100BASE-TX)
Communication speed	100 Mbps
Configuration file *1	GSDML file
Occupation area (Number of Inputs / outputs)	Max. (1308 byte / 1308 byte)
FSU(Fast start up)	Supported
MRP (Media Redundancy Protocol)	Supported
System redundancy s.2	Supported
Web server	Supported
OPC UA	Supported

^{*1:} The GSDML configuration file can be downloaded from the SMC website (https://www.smcworld.com).

2 Specifications (continued)

2.5 Wireless Communication specifications

Item	Specifications
Protocol	SMC original protocol (SMC encryption)
Radio wave type (spread)	Frequency Hopping Spread Spectrum (FHSS)
Frequency band	2.4 GHz (2403 to 2481 MHz)
Frequency channel select function (F.C.S.)	Supported *1
Frequency channel	79 ch max. (Bandwidth: 1.0 MHz)
Communication speed	250 kbps (v1.0) / 1 Mbps (v2.0) *2
Frequency hopping cycle	5ms (v1.0) / 2ms (v2.0)
Communication distance	Up to 100 m line of sight (depending on the environment)
Radio Law certificates	Refer to the official SMC website for the latest information as to which countries the product is certified.

- *1: The number of selectable frequency channels varies depending on the product number.
- *2: Select a protocol before performing pairing (v2.0: 1 Mbps, v1.0: 250 kbps). Different communication speeds are mutually incompatible.

3 Name and Function of parts (continued)

• Wireless Adaptor (EXW1-A11#)



No.	Name	Application
1	Connector	Connector for Wireless Adaptor cable.
2	Nut	For mounting.
3	LED display	Indicates the status of the adaptor.

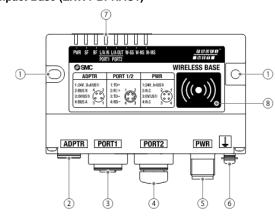
^{*} Use the wireless adaptor cable specified to connect the wireless adaptor.

Ground connection

The Ground connection to the FE terminal should be as close as possible to the product and the grounding wire should be as short as possible.

3 Name and Function of parts

• Compact Base (EXW1-BPNAC1)



No.	Item	Description
1	Mounting holes	Mounting holes for compact wireless base (2 x M4).
2	ADPTR Connector	Connection for wireless adaptor cable.
3	PORT1 Connector	Connector for Ethernet cable
4	PORT2 Connector	Connector for Ethernet cable
5	Power supply connector	Supplies power to the compact wireless Base.
6	FE terminal	To be connected to Ground (for improved noise immunity).
7	LED display	Indicates the status of the compact wireless Base or Remote.
8	NFC antenna area	Area in close contact with the NFC reader / writer ("o" marks the centre).

4 Installation

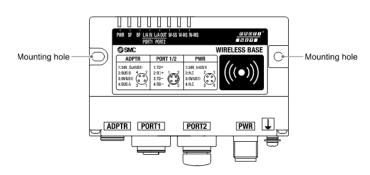
4.1 Installation

Marning

 Do not install the product unless the safety instructions have been read and understood.

4.2 Mounting the Compact Base unit

Mount the Base unit with M4 screws (not supplied) using the 2 mounting holes in the unit (Recommended torque: 0.8 ±10% N•m).

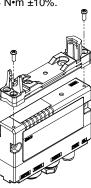


4 Installation (continued)

4.3 Mounting the Wireless Adaptor (EXW1-A11#) Integrated type (installation)

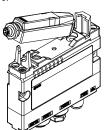
(1) Connection of base and installation plate

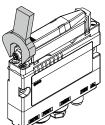
Secure the installation plate to the base using the two self-tapping screws (M3 x 8) included with the wireless adaptor. The tightening torque should be 0.4 N•m ±10%.



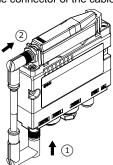
(2) Installation of wireless adaptor

Clip the wireless adaptor onto the installation plate as shown below and secure the adaptor in place using the M10 nut already fitted to the wireless adaptor. The recommended tightening torque is $0.9 \text{ N} \cdot \text{m} \pm 10\%$.





- (3) Connecting the cable for the wireless adaptor
 Follow the procedure below to connect the cable for the wireless
 - 1) Connect the U-side connector of the cable to the base.
 - 2) Connect the S-side connector of the cable to the adaptor.



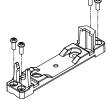
. Mounting on a flat surface

(1) Attachment of installation plate

Attach the installation plate in the required location using either of the following two methods.

Installation using M3 screws x 4 positions

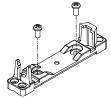
The recommended tightening torque is 0.4 N•m ± 10% (screws are not included).



4 Installation (continued)

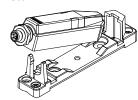
Installation using M4 screws x 2 positions

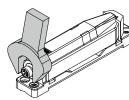
The recommended tightening torque is 0.6 N•m ± 10% (screws are not included).



(2) Installation of wireless adaptor

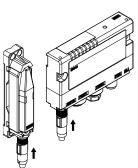
Clip the wireless adaptor onto the installation plate as shown below and secure the adaptor in place using the M10 nut already fitted to the wireless adaptor. The recommended tightening torque is 0.9 N·m \pm 10%.





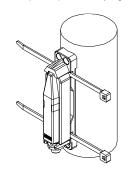
(3) Connection of the cable for wireless adaptor

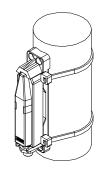
Connect the cable between the base / remote and the wireless



• Mounting on a curved surface

- (1) Thread 2 x cable ties through the installation plate at the top and bottom
- (2) Secure the wireless adaptor to the installation plate and then secure in the required position by tightening the cable ties.





4.4 Environment

⚠ Warning

- Do not use in an environment where corrosive gases, chemicals, salt water or steam are present.
- Do not use in an explosive atmosphere.
- Do not expose to direct sunlight. Use a suitable protective cover.
- Do not install in a location subject to vibration or impact in excess of the product's specifications.
- Do not mount in a location exposed to radiant heat that would result in temperatures in excess of the product's specifications.

5 Wiring

5.1 Wiring Connections

Always perform wiring with the power supply turned OFF.

Power supply connector

		1440 4 1 1
No.	Ciana al	M12, 4-pin, plug
NO.	Signal	A-coded
1	24V_In (US1)	
2	N.C.	$\frac{2}{0}$
3	0V (US1)	$_{3}$ \o\o\do\do\do\do\do\do
4	N.C.	*

• PROFINET connector (PORT1 / PORT2)

No.	Signal	M12, 4-pin, socket
		D-coded
1	TD+	
2	RD-	1 0 0 2
3	TD-	4 6 9 3
4	RD-	

Connector for Wireless Adaptor

	No.	Cianal	M8, 4-pin, socket
	INO.	Signal	A-coded
	1	24V Out (US1)	
	2	Internal BUS B	$4 \left(\begin{array}{cc} 0 & 0 \\ \end{array} \right)^2$
ĺ	3	0 V (US1)	$3 \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc 1$
	4	Internal BUS A	

A Caution

• Use the dedicated wireless adaptor cable to connect the compact wireless base to the wireless adaptor.

6 Settings

6.1 Flow chart for using the wireless system.

To use SMC wireless units (Base and Remotes), set them up using an NFC reader/writer and the I/O Configurator, as shown below:

Step 1 Preparation before use (PC application) (1) Install the NFC reader / writer and drivers. *:Refer to the operation manual for the NFC reader/writer (EXW1-NT1).

(2) Install the I/O Configurator

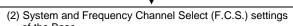
*: Ver.2.12.0 and later versions of the I/O Configurator are supported. Refer to the I/O Configurator (NFC version) operation manual for further details.



Step 2 Setting / installation of the wireless unit

(1) Parameter setting of Remotes (optional).

*: Change settings using the I/O Configurator in Administrator mode.



- *: The Base must be connected to a Wireless Adaptor.
- *: The frequency channel select function (F.C.S.) is optional.



(3) Register the Remote to the Base (pairing)

*: The Base and Remote must be powered.

_____₩

(4) Installation and wiring.



Step 3 Connection to PLC

Note) Refer to the operation manual of the PLC manufacturer for connection to a PLC and Configurator.

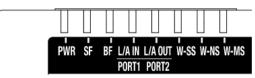
With the above settings it is possible to control the upper level controller. Refer to the operation manual for each manufacturer for how to set the controller and the PLC.

Refer to the I/O Configurator (for NFC) operation manual for details of the I/O Configurator.

7 LED Display

LED LED status

7.1 The LED indicators on the Compact Wireless Base indicate the power supply, communication and diagnostic status.

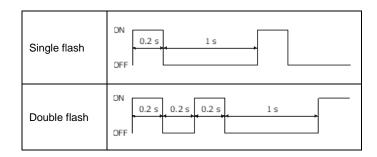


Operation

From the part of t	LED	LED Status	Operation
OFF US1 power supply (for control) is OFF. OFF Normal operation. Green LED flashing Recoverable error is detected. (LED flashes when more than one diagnostic information item is detected). • US1 power supply (for control) voltage level is abnormal. • Number of system inputs / outputs setting error. • Abnormal number of registered Remotes. • Internal communication error between wireless adaptors. • Memory read / write error. Red LED ON Unrecoverable error is detected. OFF PROFINET communication error between wireless adaptors. • Memory read / write error. Red LED Single flashing Red LED single flashing Red LED double flashing Red LED double flashing Red LED flashing Red LED flashing Red LED ON PROFINET controller is established. PROFINET controller settings and EXW1 configuration data do not match PROFINET controller power supply is OFF. • Cable connection error between PROFINET controller or the base are faulty. • PROFINET controller settings and base device name do not match. Link, Activity Green LED The level of received radio wave strength of all the connected Remotes is 3. The level of received radio wave strength of some connected Remotes is 2. Green LED flashing (1 Hz) Green LED The level of received radio wave strength of some connected Remotes is 1. Red LED All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0	PWR		US1 power supply (for control) is ON.
Green LED flashing Recoverable error is detected. (LED flashes when more than one diagnostic information item is detected). • US1 power supply (for control) voltage level is abnormal. • Number of system inputs / outputs setting error. • Abnormal number of registered Remotes. • Internal communication error between wireless adaptors. • Memory read / write error. Red LED ON Green LED single flashing Red LED single flashing Red LED single flashing Red LED double flashing Red LED flashing Red LED on FROFINET controller is in STOP state while communication with PROFINET controller is established. BF Red LED flashing Red LED flashing Red LED on FROFINET controller settings and EXW1 configuration data do not match • PROFINET controller power supply is OFF. • Cable connection error between PROFINET controller or the base are faulty. • PROFINET controller or the base are faulty. • PROFINET controller settings and base device name do not match. L/A 1,2 Green LED flashing Green LED Link, No Activity Green LED The level of received radio wave strength of all the connected Remotes is 3. Green LED flashing (1 Hz) Green LED The level of received radio wave strength of some connected Remotes is 2. Red LED flashing (2 Hz) Red LED All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0		OFF	US1 power supply (for control) is OFF.
Flashing Recoverable error is detected. (LED flashes when more than one diagnostic information item is detected). • US1 power supply (for control) voltage level is abnormal. • Number of system inputs / outputs setting error. • Abnormal number of registered Remotes. • Internal communication error between wireless adaptors. • Memory read / write error. Red LED ON OFF PROFINET communication is established. PROFINET controller is in STOP state while communication with PROFINET controller is established. Red LED single flashing Red LED double flashing Red LED flashing (2 Hz) PROFINET controller settings and EXW1 configuration data do not match PROFINET controller power supply is OFF. • Cable connection error between PROFINET controller and base. • PROFINET controller and base. • PROFINET controller settings and base device name do not match. L/A 1,2 Green LED The level of received radio wave strength of all the connected Remotes is 3. Green LED flashing (1 Hz) Green LED The level of received radio wave strength of some connected Remotes is 2. Red LED flashing (1 Hz) Green LED flashing (1 Hz) Green LED flashing (1 Hz) Red LED All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0		OFF	Normal operation.
SF Red LED flashing (1 Hz) Red LED flashing (1 Hz) PROFINET controller settings and EXW1 configuration data do not match Red LED flashing (2 Hz) PROFINET controller settings and EXW1 configuration data do not match Red LED ON Red LED Single flashing Red LED flashing Red LED Single flashing Red LED oN Red LED flashing Red LED flashing Red LED flashing Red LED oN Red LED flashing Red LED flashing Red LED oN Red LED flashing Red LED oN Red LED flashing Red LED oN Red LED oN Red LED oN Red LED oN Red LED flashing Red LED oN Red LED oN Red LED oN Red LED flashing Red LED oN Red LED flashing Red LED oN Red LED flashing Green LED flashing Green LED oN The level of received radio wave strength of all the connected Remotes is 3. Green LED flashing (1 Hz) Green LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing (2 Hz) All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0			Node flashing test command received.
ON Unrecoverable error is detected. OFF PROFINET communication is established. Green LED single flashing Red LED single flashing Red LED double flashing Red LED flashing Red LED on flashing L/A 1,2 Green LED on flashing Green LED flashing Green LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing Red LED on connected Remotes is 3. The level of received radio wave strength of some connected Remotes is 2. The level of received radio wave strength of some connected Remotes is 1. Red LED flashing (2 Hz) Red LED All the Remotes that support protocol V.1.0 are not connected. Orange LED All the Remotes that support protocol V.2.0	SF	flashing (1 Hz)	 (LED flashes when more than one diagnostic information item is detected). US1 power supply (for control) voltage level is abnormal. Number of system inputs / outputs setting error. Abnormal number of registered Remotes. Internal communication error between wireless adaptors.
Green LED single flashing established. Red LED single flashing Red LED double flashing Red LED flashing (2 Hz) Red LED ON ESTIMATION OF THE PROFINET controller is established. Red LED flashing Red LED flashing (2 Hz) Red LED ON ESTIMATION OF THE PROFINET controller settings and EXW1 configuration data do not match PROFINET controller settings and EXW1 configuration data do not match PROFINET controller power supply is OFF. Cable connection error between PROFINET controller and base. PROFINET controller and base. PROFINET controller settings and base device name do not match. LINK, Activity Green LED flashing Green LED flashing (1 Hz) W-SS W-SS Green LED flashing (2 Hz) Red LED flashing (2 Hz) Red LED flashing (3 Hz) All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0			Unrecoverable error is detected.
single flashing established. Red LED single flashing Red LED double flashing Red LED flashing Red LED flashing Red LED oN Red LED flashing Red LED oN Red LED oN Red LED flashing Red LED oN Red LED flashing Green LED on Red LED flashing Green LED flashing (1 Hz) Red LED flashing (2 Hz) Red LED flashing Red LED ontonler settings and EXW1 Red LED flashing Red LED flashing Red LED ontonler settings and EXW1 Red LED flashing ontontroller settings and EXW1 Red LED ontontroller settings and EXW1 Red LED flashing ontontroller settings and EXW1 Red LED ontontroller settings and EXW1		OFF	PROFINET communication is established.
Single flashing Red LED double flashing Red LED flashing Red LED flashing (2 Hz) PROFINET controller settings and EXW1 configuration data do not match PROFINET communication is not established. PROFINET controller power supply is OFF. Cable connection error between PROFINET controller and base. PROFINET controller and base are faulty. PROFINET controller settings and base device name do not match.		single	communication with PROFINET controller is
BF double flashing Red LED flashing (2 Hz) PROFINET controller settings and EXW1 configuration data do not match		single flashing	Device Name not set.
flashing (2 Hz) Red LED ON Red LED Flashing Green LED ON OFF No Link, No Activity Green LED ON Green LED ON Green LED ON Green LED ON The level of received radio wave strength of some connected Remotes is 2. Green LED flashing (2 Hz) Red LED flashing Orange LED All the Remotes that support protocol V.1.0 are not connected. All the Remotes that support protocol V.2.0	BF	double flashing	IP address not set.
Red LED ON PROFINET controller power supply is OFF. Cable connection error between PROFINET controller and base. PROFINET controller or the base are faulty. PROFINET controller settings and base device name do not match. Link, Activity Green LED Con		flashing	
L/A 1,2 Green LED ON OFF No Link, No Activity Green LED ON The level of received radio wave strength of all the connected Remotes is 3. Green LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing Orange LED All the Remotes that support protocol V.1.0 Green LED flashing All the Remotes that support protocol V.2.0			 PROFINET controller power supply is OFF. Cable connection error between PROFINET controller and base. PROFINET controller or the base are faulty. PROFINET controller settings and base
1,2			Link, Activity
Green LED ON The level of received radio wave strength of all the connected Remotes is 3. Green LED flashing (1 Hz) The level of received radio wave strength of some connected Remotes is 2. Green LED flashing (2 Hz) The level of received radio wave strength of some connected Remotes is 1. The level of received radio wave strength of some connected Remotes is 1. All the Remotes that support protocol V.1.0 are not connected. Orange LED All the Remotes that support protocol V.2.0		Green LED	Link, No Activity
W-SS ON all the connected Remotes is 3. Green LED flashing (1 Hz) Green LED flashing (2 Hz) Red LED flashing (2 Hz) Red LED flashing (2 Hz) Red LED flashing All the Remotes that support protocol V.1.0 are not connected. Orange LED All the Remotes that support protocol V.2.0		OFF	
W-SS Green LED flashing (1 Hz) W-SS Green LED flashing (2 Hz) Red LED flashing (2 Hz) Red LED flashing (2 Hz) Orange LED All the Remotes that support protocol V.1.0 are not connected. Green LED flashing (2 Hz) All the Remotes that support protocol V.2.0			
W-SS flashing (2 Hz) Red LED flashing are not connected. Orange LED All the Remotes that support protocol V.1.0 All the Remotes that support protocol V.2.0		flashing (1 Hz)	
flashing are not connected. Orange LED All the Remotes that support protocol V.2.0	W-SS	flashing (2 Hz)	some connected Remotes is 1.
		flashing	
flashing are not connected.		flashing	
OFF Remote is not registered.			Remote is not registered.

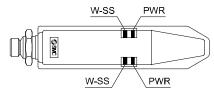
7 LED Display (continued)

LED	LED status	Operation
W-NS	Green LED ON	All the Remote connections are normal.
	Green LED flashing	Some Remotes are not connected.
	Red LED flashing	No Remotes are connected.
	Red LED ON	No Remotes are connected (Unrecoverable error in wireless communication).
	Red / Green LED flashing	Wireless communication connection is being configured (Pairing mode).
	Orange LED ON	Forced output mode.
	OFF	Remote not registered.
W-MS	Green LED ON	Wireless Remote is normal. Protocol V.1.0 (pairing mode).
	Orange LED ON	Protocol V.2.0 (pairing mode).
	Red LED flashing	Recoverable error is detected. (LED flashes when more than one diagnostic information item is detected). • US1 power supply (for control / input) voltage level is abnormal. • US2 power supply (for output) voltage level is abnormal. • Excessive I/O setting inputs/outputs. • Analog I/O upper setting limit exceeded. • Analog input range upper and lower limits exceeded. • Error in communication between units. • EX600 I/O unit detects diagnostic information. • Valve diagnostic information detected.
	Red LED ON	Unrecoverable error is detected.
	OFF	Remote not registered.



7 LED Display (continued)

7.2 The LED indicators on the Wireless Adaptor (EXW1-A11#) indicate the power supply, communication and diagnostic status.



LED	LED status	Operation
PWR	Green LED ON	Power supply voltage is ON.
	Orange LED flashing	Internal communication error is detected.
	Red LED ON	Unrecoverable error is detected.
	OFF	Power supply voltage is OFF.
W-SS	Green LED ON	The level of received radio wave strength of all connected Remotes is 3.
	Green LED flashing (1 Hz)	The level of received radio wave strength of some connected Remotes is 2.
	Green LED flashing (2 Hz)	The level of received radio wave strength of some connected Remotes is 1.
	Red LED flashing	No Remotes that support protocol V.1.0 are connected.
	Orange LED flashing	No Remotes that support protocol V.2.0 are connected.
	OFF	Remote not registered.

8 How to Order

Refer to the Operation manual or catalogue on the SMC website (URL: https://www.smcworld.com) for How to Order information.

9 Outline Dimensions (mm)

Refer to the Operation manual or catalogue on the SMC website (URL: https://www.smcworld.com) for Outline dimensions.

10 Maintenance

10.1 General Maintenance

⚠ Caution

- Not following proper maintenance procedures could cause the product to malfunction and lead to equipment damage.
- If handled improperly, compressed air can be dangerous.
- Maintenance of pneumatic systems should be performed only by qualified personnel.
- Before performing maintenance, turn OFF the power supply and be sure to cut off the supply pressure. Confirm that the air is released to atmosphere.
- After installation and maintenance, apply operating pressure and power to the equipment and perform appropriate functional and leakage tests to make sure the equipment is installed correctly.
- If any electrical connections are disturbed during maintenance, ensure they are reconnected correctly and safety checks are carried out as required to ensure continued compliance with applicable national regulations.
- Do not make any modification to the product.
- Do not disassemble the product, unless required by installation or maintenance instructions.

11 Limitations of Use

11.1 Limited warranty and Disclaimer/Compliance RequirementsRefer to Handling Precautions for SMC Products.

NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

• Influence of radio frequency on implantable medical devices: The radio frequency generated by this product may give an adverse effect on implantable medical devices, such as implantable cardiac pacemakers and implantable cardioverter defibrillators. Please read catalogues or instruction manuals of the equipment and device which may be affected by radio frequencies for any instructions for use or contact their manufacturers.

12 Product Disposal

This product shall not be disposed of as municipal waste. Check your local regulations and guidelines to dispose of this product correctly, in order to reduce the impact on human health and the environment.

13 Contacts

Refer to <u>www.smcworld.com</u> or <u>www.smc.eu</u> for your local distributor / importer.

SMC Corporation

URL: https://www.smceu.com (Europe) SMC Corporation, 4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021, Japan Specifications are subject to change without prior notice from the manufacturer.

© SMC Corporation All Rights Reserved.

Template DKP50047-F-085N