

# Copy Unit SC-SU1

Related Information

■ General terms and conditions..... F-17

■ General precautions ..... P.1405



\*This image shows the digital pressure sensor and the digital fiber sensor installed.

[panasonic-electric-works.net/sunx](http://panasonic-electric-works.net/sunx)

## Copy digital pressure and digital fiber sensor settings in one touch!

### Copy setting details in one touch!

The sensor copy unit is activated by one button. It copies the master sensor setting details to the slave. This reduces the lead time and prevents setting errors made by the operator when configuring multiple units to have the same setting. This means fewer changes to the instruction manuals even when equipment design is changed.

Dual display digital pressure sensor

**DP-100 SERIES**

Head-separated Dual display digital pressure sensor  
**DPC-100 SERIES, DPC-L100 SERIES**



Details copied

Digital fiber sensor

**FX-100 SERIES**



Details copied

## Simple to use. No need for troublesome wiring!

It can be used repeatedly due its superior durability.

Number of times the connector can be plugged and unplugged

Approx. 5,000 times



\*Fiber sensor copying and pressure sensor copying can be performed simultaneously.

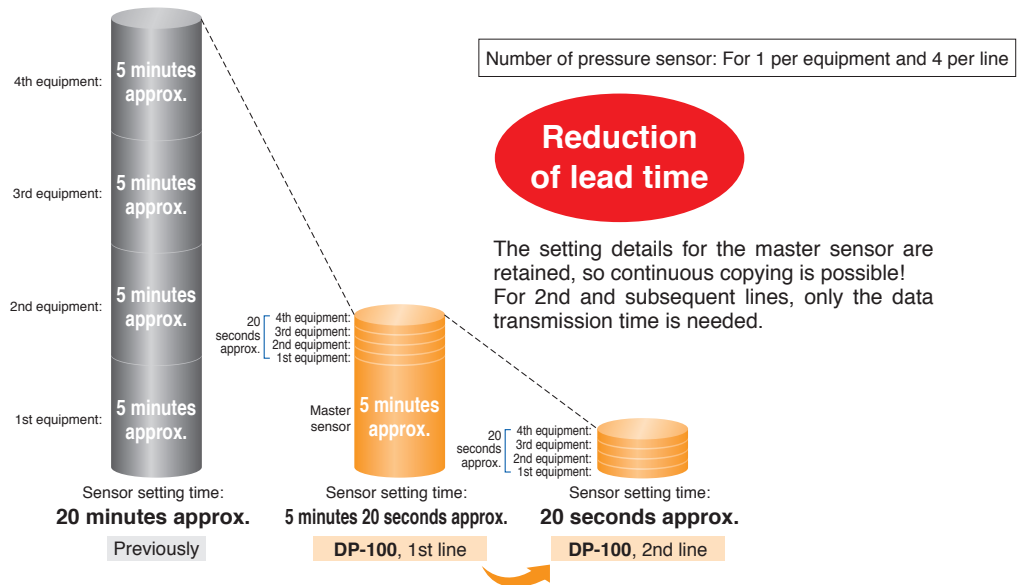
- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS**
- SIMPLE WIRE- SAVING UNITS
- WIRE- SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC CONTROL DEVICES
- ENDOSCOPE
- LASER MARKERS
- PLC / TERMINALS
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS

- Copy Unit
- Sensor Mounting Stand
- Sensor Checker
- Sensor Controller
- Other Products

SC-SU1

## Copy function reduces man-hours and human error

### Advantage 1 Setting man-hours are reduced and sensor setting time is shortened.



### Advantage 2 Human operating error is reduced.

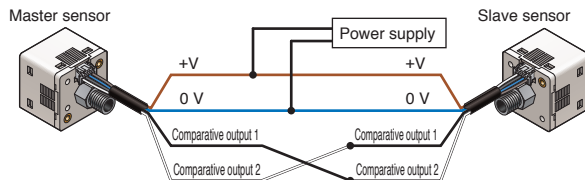
- Because all details are copied automatically, it prevents problems occurring as a result of human error.
- Instruction manuals can be updated easily when changes occur to equipment design!

### Advantage 3 Faster than copying via wiring.

- Eliminate the hassle of manually connecting wires each time you copy.

#### Copying via wiring

Ex) Digital pressure sensor **DP-100 series**



## SPECIFICATIONS

| Item   | Designation<br>Model No. | Copy unit<br><b>SC-SU1</b>   |
|--|--------------------------|--|
| Applicable sensor                                      |                          | Digital pressure sensor <b>DP-100 series</b> , <b>DPC-100 series</b> , <b>DPC-L100 series</b> , Digital fiber sensor <b>FX-100 series</b>  |
| Supply voltage (Note 1)                                |                          | 12 V DC [AC adapter (accessory): Input 100 to 240 V AC 50 / 60 Hz]   |
| Power consumption                                      |                          | On operating: 5 VA or less (at 100V AC)<br>Stand by: 1.5 VA or less (at 100V AC)   |
| Repeatability of connecting and disconnecting (Note 2) |                          | 5,000 times approx.  |
| Ambient temperature                                    |                          | 0 to +40 °C +32 to +104 °F (No dew condensation allowed), Storage: -10 to +60 °C +14 to +140 °F  |
| Ambient humidity                                       |                          | 35 to 85 % RH, Storage: 35 to 85 % RH  |
| Indicator  |                          | Power indicator: Green LED, ENTER indicator: Yellow LED  |
| Material   |                          | Enclosure base: ABS, Top cover: ABS, Rubber foot: Natural rubber   |
| Weight   |                          | Net weight: 190 g approx., Gross weight: 350 g approx.   |
| Accessories  |                          | AC adapter: 1 pc.<br>Connector board for <b>DP-100 series</b> (4-pin): 1 pc. (2 pcs. are attached to the product.)<br>Connector board for <b>DPC-100 series</b> (6-pin): 3 pcs.<br>Connector board for <b>FX-100 series</b> : 1 pc. (1 pc. is attached to the product.)<br>Fuse: 1 pc. |
| Dimensions   |                          | W 140 × H 50.5 × D 90 mm <b>W 5.512 × H 1.988 × D 3.543 in</b>   |

Notes: 1) For destinations where the shape of the AC adapter plug differs from the shape for Japan, please prepare a separate conversion adapter.  
2) Number of repeatability may vary depending on the usage conditions.

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