

SystempaK

Handy Communicator

Model J-SHC 00

Introduction

The Handy Communicator (Model J-SHC 00) is a dedicated device in the SystempaK "digital type" series modules, which provides the following functions. The J-SHC is powered by the dedicated cable connected directly to the connector on the front panel of the SystempaK module.

1) Initial data display function

With the Handy Communicator connected under powering a SystempaK module, the device name of the SystempaK instrument is automatically displayed on the display section of the Handy Communicator.

2) Input/output data display and monitoring functions

On-line loop checking is available for input and output signals, and input and output values in engineering units can be confirmed.

3) Setting data and functions

Setting specifications and functions according to the SystempaK modules.

4) Selecting functions

For the One-Input Operating Module (J-SCM/J-SCP) and Monitor Switch Module, the following operating functions can be selected according to applications:

One-Input Operating Module

- Ratio/Bias
- Square root extraction
- Reverser
- Function generator
- Limiter
- Rate of change limiter
- Lead/Lag
- Differentiation operation

Monitor Switch Module

- PV monitor
- Rate of change monitor

5) Output adjustment function

Zero and span adjustment are easily done.

6) Self-diagnosis function

Self-diagnosis of SystempaK module is available.



Specifications

Display section:

Reflection type liquefied crystal diode display (LCD) (16 digits x 2 lines)

Keyboard section:

22 keys (for function selection and data entry)

Connection section:

Dedicated connector (for communication with SystempaK modules)

Power supply:

Powered from SystempaK module

Dimensions:

90 x 170 x 37mm

Weight:

Approximately 250g

Accessories:

Connection cable, mounting casing

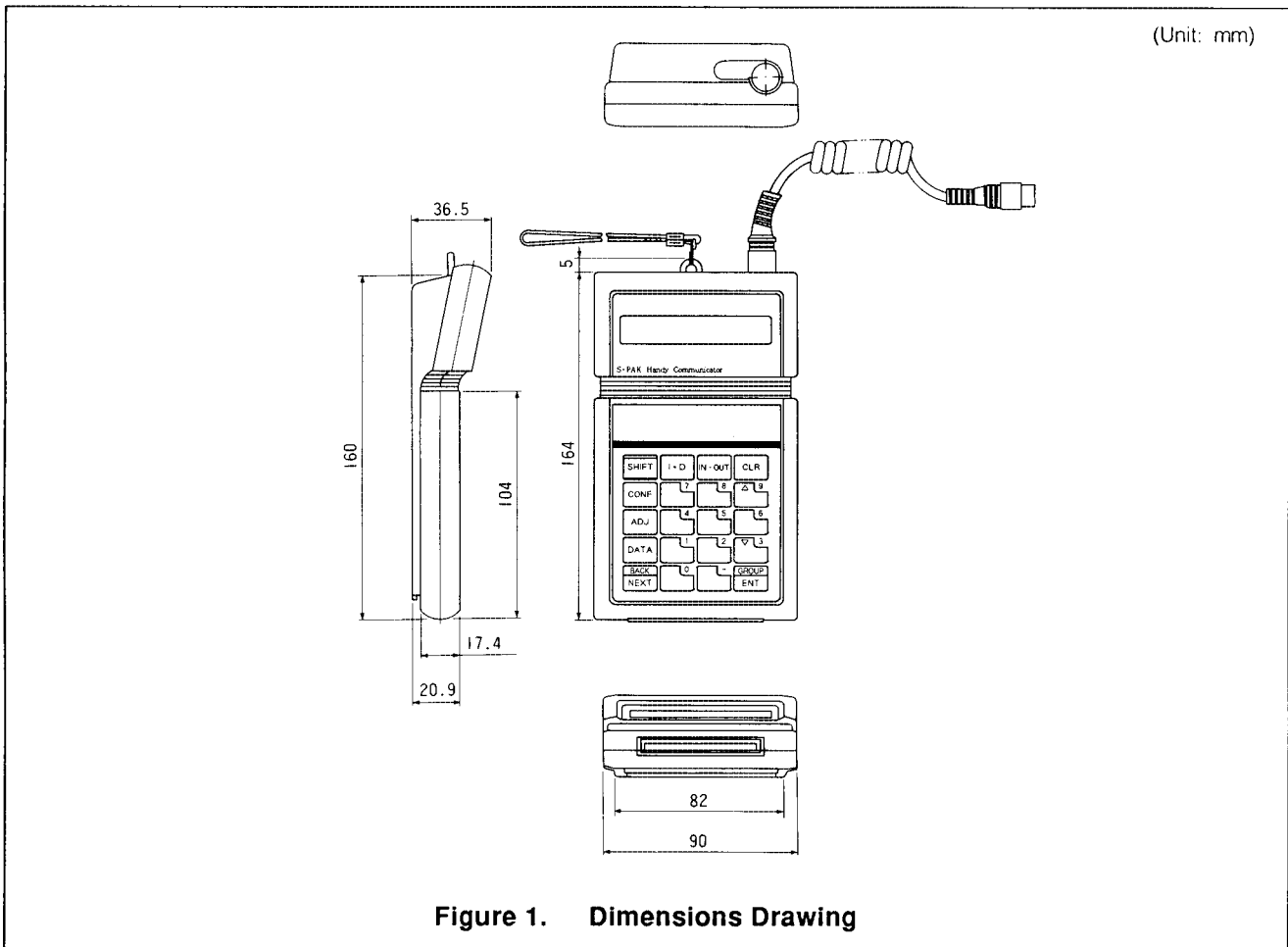
Table 1 below shows the SystempaK "Digital Type" series modules available by the Handy Communicator.

Table 1. SystempaK "Digital Type" Series Modules

| Module | Model number | |
|---|--------------|-------------|
| | File type | Casing type |
| 1) Millivolt Conversion Module | J-SMV 80/85 | J-SMP 80/85 |
| 2) Thermocouple Conversion Module | J-STC 80/85 | J-STP 80/85 |
| 3) Resistance Thermobulb Conversion Module | J-SRV 80/85 | J-SRP 80/85 |
| 4) Potentiometer Conversion Module | J-SPT 80/85 | J-SVP 80/85 |
| 5) Monitor Switch Module | J-SMS 80 | J-SSP 80 |
| 6) Totalizer Module | J-SAZ 80 | J-SAP 80 |
| 7) Frequency Conversion Module | J-SFV 80 | J-SFP 80 |
| 8) One-Input Operating Module <ul style="list-style-type: none"> • Ratio/Bias • Square root extraction • Reverser • Frequency generator • Limiter • Rate of change limiter • Lead/lag • Differentiation operation | J-SCM 80/85 | J-SCP 80/85 |

Model Number Table

| Basic model number | Selection | Option | Description |
|--------------------|-----------|--------|--------------------|
| J-SHC 00 | | | Handy Communicator |
| | -X | | W/o selection |
| | | -X | W/o option |



Specifications are subject to change without notice.

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| | | |
|---|---------------|-----------------|
| Yamatake-SIC Control Systems Co., Ltd. | : China | 86-10-6510-2505 |
| Shanghai Yamatake Jinshan Control Instruments Co., Ltd. | : China | 86-21-6428-8661 |
| Yamatake Korea Co., Ltd. | : Korea | 82-2-785-0280-2 |
| Yamatake (Thailand) Co., Ltd. | : Thailand | 66-2-210-0900-7 |
| Yamatake Philippines, Inc. | : Philippines | 63-2-817-6452 |
| PT. Yamatake Berca Indonesia | : Indonesia | 62-21-230-5538 |
| Yamatake Controls Singapore Pte. Ltd. | : Singapore | 65-778-5966 |
| YCV Corporation | : U.S.A. | 1-602-548-1800 |



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