# Operation Guide

# Models 436101/436102/436103/436104/436106 µR10000 Recorder

Please make the following alterations to the User's Manual IM 04P01B01-02E (see underlined text).

# Page 4 "How to Use This Manual"

This manual covers information regarding the recorders with English as the display/printing language (suffix code "2").

Please note the addition of the following.

# CAUTION

This instrument is a Class A product. Operation of this instrument in a residential area may cause radio interference, in which case the user is required to take appropriate measures to correct the interference.

## Page 7 "Software (Sold Separately)"

		Recorder version			
		1.02 or earlier	1.11	1.21	1.31
RXA10 Configuration Software revision	R1.01	Yes	Limited		
	R2.01	Yes	Yes	Yes	Limited
	R3.01	Yes	Yes	Yes	Yes

Yes: Compatible

Limited: The new functions of the recorder cannot be configured from the RXA10.

# Page 17 "Optional Terminal Wiring"

Please note that the terminal wiring diagram and input/output specifications have been changed as follows.

#### Alarm output/FAIL output/chart end output



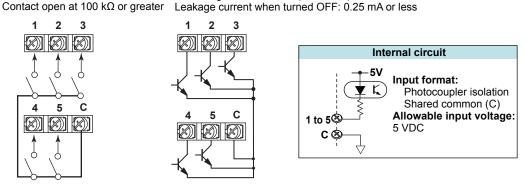
Output format: Relay contact Contact rating: 250 VAC (50/60 Hz) /3 A, 250 VDC/0.1 A (for resistor load) Dielectric strength: 1500 VAC at 50/60 Hz for one minute (between output terminals and the ground terminal) **NO**(Normally Opened), **C**(Common), **NC**(Normally Closed) The alarm output terminals 01-06 correspond to 101-106 in the alarm output relay settings.

**Remote control input** Relay contact input

#### Transistor input (Open collector)

(Voltage-free contact) Contact closed at 200  $\Omega$  or less

ON voltage: 0.5 V or less (30 mADC) Leakage current when turned OFF: 0.25 mA or less



Dielectric strength: 500 VDC for one minute (between input terminals and the ground terminal)



#### Page 24 "Menu Structure of Setting Mode" Recorder version: 1.31

Recorder version: 1.3

- Page 25 "Menu Structure of Basic Setting Mode" <u>Recorder</u> version: 1.31
- Page 35 Please note the following changes.

Setup Example (3) of 0 to 10 V Input and Unit

Page 36 "Setting the Unit and Finishing the Unit Settings" See steps 13 to <u>17</u> in Setup Example (2).

#### Page 40 "Starting the Recording"

Please note the addition of the following.

#### Note\_

For models with the FAIL/chart end detection and output function (option code /F1), the chart feed will not start even when pressing the RCD key if the chart paper is empty or almost out. Insert new chart paper before pressing the RCD key.

## Page 43 "• Periodic Printout"

#### Periodic Printout

Measured values and other items are printed at the preset interval. For details on the printout contents and interval, see appendix 1 and 2 in the  $\mu R10000$  Recorder User's Manual (IM 04P01B01-01E) on the CD-ROM.

Printout Interval

The printout interval can be set by specifying the value or set automatically in sync with the chart speed. For details on the printout contents and interval, see appendix 1 and 2 in the  $\mu R10000$  Recorder User's Manual (IM 04P01B01-01E) on the CD-ROM.

#### Page 50 "Setup Items and Default Values"

Setup Items in Setting Mode and Their Default Values (Recorder version: 1.31)

# ■ Page 51 "Setup Items and Default Values"

Setup Item Pen/E		Selectable Range or Selections	Default Value		
Math > Alarm > Relay No.	-	101 to 106	<u>l01</u>		
Header printout (/BT1 option)					
	• •				
	option) Pen/Dot	Selectable Range or Selections	Default Value		
Header printout (/BT1 Setup Item *Batch > Batch No	• •	Selectable Range or Selections 26 characters or less	<b>Default Value</b> Blank		

# Page 52 Please note that the underlined portion has been changed.

Setup Items in Basic Setting Mode and Their Default Values(Recorder version: 1.31)

# Page 56 "Recommended Replacement Periods for Worn Parts" Pen Model

ltem	Replacement Period	Part Name	Part No.	Note	Quantity Used
Pen servo	5 years	SERVO ASSY	<u>B8800GG</u>	Shared by all pens (excludes the pen arm ASSY)	1 to 4