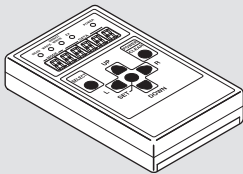# Anywire AnyWire system Product Guide

AnyWire Address Writer
ARW-04

Infrared non-contact type | Remote head wearable

■When using for the first time
Confirm the contents (P6 to 8) in the [Internal Setting].

[Notes on Safety]

Precautions that must be observed in order to use this system safely are indicated as shown below.
You must observe these precautions.

| ⚠ WARNING | A WARNING indicates a potentially hazardous situation which, if not handled correctly, could result in death or serious injury. | ⚠ CAUTION | A CAUTION indicates a potentially hazardous situation which, if not handled correctly, may result in personal injury or property damage. |

⚠ WARNING
- ○ System Safety
  This system is intended for general industrial applications. It does not have functions for supporting applications requiring higher levels of safety such as safety-related devices or accident prevention systems. The product must not be used for these purposes.
- ○ Always turn off the power before installing or replacing the system.
- ○ For change of setting in the direct mode, values are updated to the changed values when they are written. Please note that direct changes of addresses and others may result in unexpected operation.

⚠ CAUTION
- ○ System power supply
  Use a stable, 24V DC power supply. Use of an unstable power supply may cause problems with the system.
- ○ Separately route high-voltage and power cables
  Although the AnyWire system has a high noise margin, keep the transmission line and I/O cables away from high-voltage and power cables.
- ○ Connectors and terminals
  - Pay careful attention to the length and installation of cable wiring to ensure that connectors and cables are neither overloaded nor disconnected.
  - Make sure to prevent any metal objects from getting inside the connectors or the terminal blocks.
  - Short-circuits caused by metal objects or mis-wiring are likely to damage the device.
- ○ Do not impose any external loads on the units. Doing so may cause a failure.
- ○ Do not disconnect or reconnect between the transmission line and remote units when the transmission line is active. A malfunction may occur.
- ○ Use the AnyWire system within the range of the specifications and conditions shown below.

[Features]

- This is a unit of the AnyWire system. It is used for setting address numbers and operating specifications of units with a setting port. This writer enables address numbers and parameters to be set by the non-contact method.
- Reading and writing can be performed.
- As the body is small-sized and driven by battery, it has no power code and can be taken anywhere.
- As address numbers are displayed at a 7-segment display unit and can be used directly at the decimal scale, this eliminates inconveniences that it is hard to see the switch in a dark place and the set value must be calculated.
- A remote head (ARW-RH) to make writing in a narrow space or small-sized unit easier is prepared (separately sold).
- The writer has an automatic shutout function to protect the battery even when the power is left on. (The condition in the middle of the setting operation returns to the content before setting.)

[Included in the Package]

| ARW-04 ··· 1 |
| AAA alkaline dry cell battery ··· 2 |

[Warranty]

■ Warranty period
The warranty on the delivered Product shall continue to be effective for one (1) year after the delivery thereof to a location as designated by the original owner.

■ Scope of warranty
Should a defect occur in any part of the Product during the foregoing warranty period when it is used normally in accordance with the specifications described in this Product Guide, the Company shall replace or repair the defect free of charge, except when it arises as a result of:
(1) Misuse or abuse of the Product by the owner;
(2) Fault caused by other than the delivered Product;
(3) The unauthorized modification or repair of the Product by any person other than the Company's personnel;
(4) Any unusual force of nature, disaster or other cause beyond the Company's control.
The term "warranty," as used herein, refers to the warranty applicable to the delivered product alone. The Company shall not be liable for consequential or incidental damages resulting from any malfunction.

■ Repair at cost
After the expiration of the warranty period, the owner shall be responsible for all costs and expenses incurred for the troubleshooting and repair of the Product. Even during the warranty term, the Company shall repair any defects arising from causes other than within the scope of the warranty as specified above, at the owner's cost.

■ Changes in the product specifications and the descriptions in the manual
The descriptions in this manual may be subject to change without notice.

[Difference in Appearance by Lot No.]

Item	Lot No.*1
Strap attaching part	H/W version "C" or later version
7-segment LED color	H/W version "H" or later version
7-segment display window	

*1 If lot No. is indicated in 3 digits (year and month only), these items are not available.

■How to check

Lot No. is indicated on the lot label.

Back of this unit
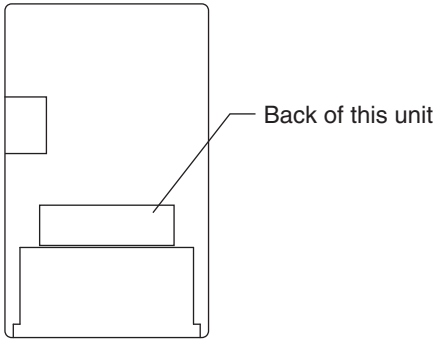
Example:

Lot No. 19ECBNB

Function version*2

S/W version

H/W version

Year and month

Year: Numbers
(Lower two digits of the Christian era)
Month: Alphabet (as per the table below)

Alphabet	A	B	C	D	E	F	G	H	I	J	K	L
Month	1	2	3	4	5	6	7	8	9	10	11	12

"19E" means May 2019.

*2 Some products have no indication of function version.

Strap attaching part

For H/W version "B" or former version,
a strap ring is attached.

For H/W version "C" or later version,
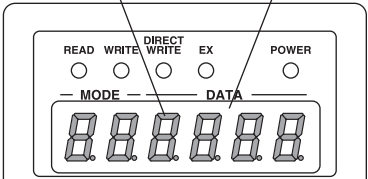a strap attaching part is provided.

7-segment LED color and display window
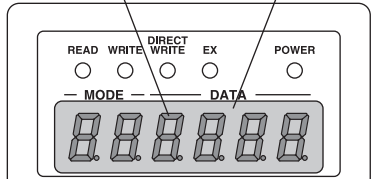
For H/W version "G" or former version

LED color:
Orange

Display window:
Transparent

READ WRITE DIRECT WRITE EX POWER
— MODE — DATA —

For H/W version "H" or later version

LED color:
Red

Display window:
Purple

READ WRITE DIRECT WRITE EX POWER
— MODE — DATA —
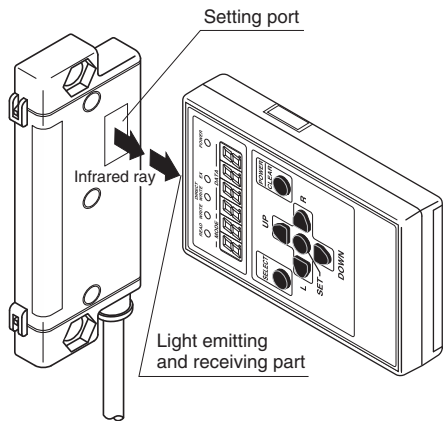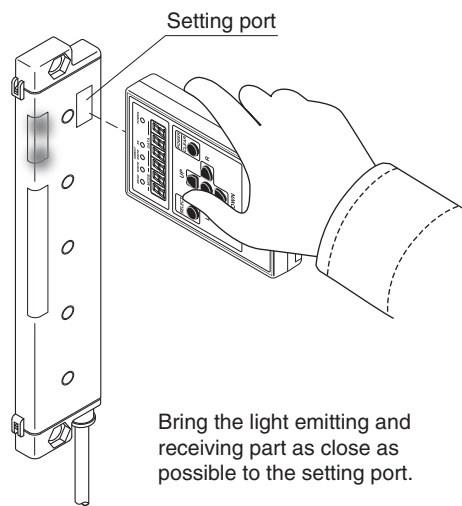
[Overview]

ARW-04 can read address numbers written in a terminal or write address numbers to a terminal using infrared ray. As the infrared ray emitting and receiving part is less influenced by ambient light, the writer can be used almost anywhere indoors.

And the writer is capable of transmission and reception by pointing the light emitting and receiving part at the setting port of the unit and operating it because of the diffusion-type light emitting and receiving system.
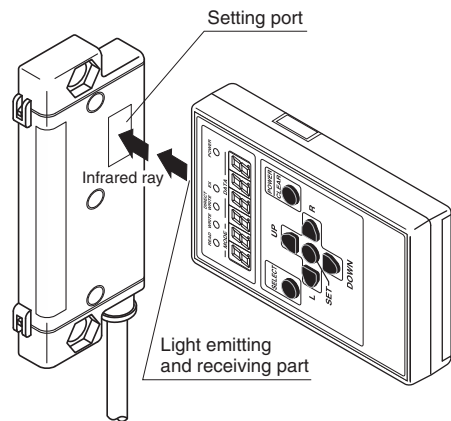
■Image of address reading

■Image of operation

Bring the light emitting and receiving part as close as possible to the setting port.

⚠ CAUTION When the light emitting and receiving part of ARW-04 and the setting port of a unit to be set are in strong ambient light such as direct sunlight, it may be impossible to write and read addresses.
In such cases, please shade the light by your hands, etc.

■Image of address writing

■Image with a remote head connected

Remote head for narrow space/small part (ARW-RH)
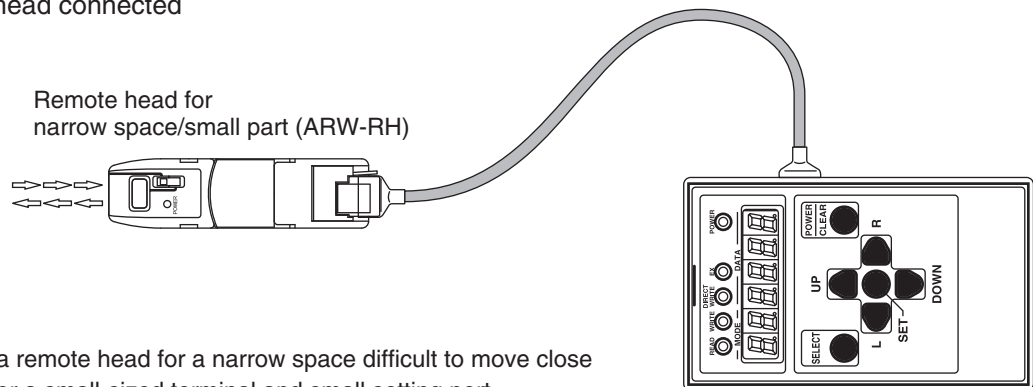
It is convenient to connect a remote head for a narrow space difficult to move close to the body of ARW-04 or for a small-sized terminal and small setting port.

For ARW-RH, refer to ARW-RH instruction manual.

[Operation Range]

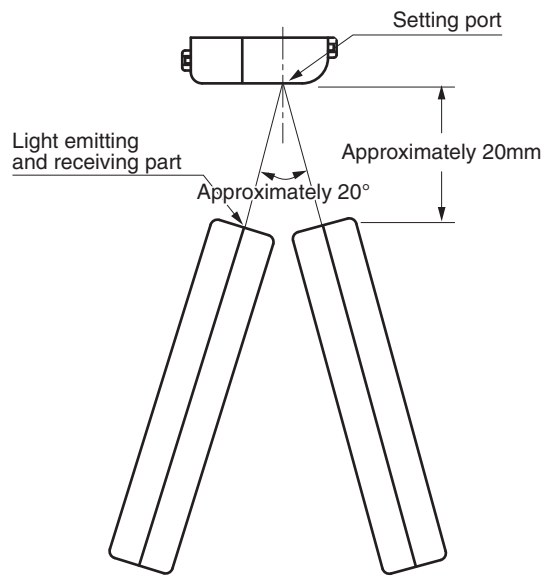Bring the light emitting and receiving part as close as possible to the setting port of the target unit to operate.
The guideline for the light emitting and receiving range is as follows:

■Guideline for positions in reading and writing address numbers

Setting port

Light emitting
and receiving part

Approximately 20mm

Approximately 20°

[Seen from the top]

Light emitting
and receiving part

Setting port

Approximately
20°

[Seen from the side]

The vertical directions are not specified
for the front of ARW-04.

[Front]

[Name of Each Part]

Light emitting and receiving part

Operation mode indicator

POWER indicator

Strap attaching part*

READ WRITE DIRECT WRITE EX POWER

── MODE ── ── DATA ──

Comment display
(7-segment 6-digit)

SELECT   UP   POWER CLEAR

RH connection connector
(for remote head connection)

SELECT button

L   R

POWER button
CLEAR button

SET button

SET

DOWN

UP/DOWN button

L/R button

Anywire Corporation
MODEL ARW-04
Ver.   2.01
DATE   2019-01 19AABN
MADE IN JAPAN

MSIP-REI-MEK-
AWAL24762

Lot seal

Battery case

[Operation Mode]

The following operations are available for the ARW-04.

Item	Function explanation	Set value renewal timing	Mode to be selected	Explanation page
Internal setting	Perform the internal setting of the address writer.	When the power is reset	Maximum points setting mode (Factory setting: 512)	6, 7, 8
			Maximum number of parameters setting mode (Factory setting: 18*)	
			Decimal/hexadecimal display setting mode (Factory setting: Decimal)	
			Automatic carry of parameter set value YES/NO setting mode (Factory setting: NO)	
			Address writer mode (Factory setting: ARW-04)	
Teaching	Adjust ASLINKSENSOR or ASLINKAMP.	Immediately after operation	EX mode	9
Reading	Read an address number or parameter.	—	READ mode	10, 11
Writing	Write an address number or parameter.	When the power is reset	WRITE mode	13, 15
Direct writing	Write an address number or parameter.	Immediately after operation	DIRECT WRITE mode	14

＊The factory setting is 0 when DATE of the lot seal is 2017-4 17D or before.

When using an address writer for the first time, confirm the next section, "Internal Setting," and after completing the internal setting, perform various setting operations.

⚠ CAUTION Since the maximum number of parameters of factory setting DATE2017-5 17E or after is "18," the reading or writing of parameters is already possible in the status of factory setting, but confirm with the product manual of each product and perform the setting of the maximum number of parameters to prevent the writing of unnecessary parameters.

Since the maximum number of parameters of factory setting DATE2017-4 17D or before is "0," setting is required to read and write parameters.

Also, regarding the maximum points setting, although it can be used in the factory setting (512 points), match the internal setting of the address writer with the writing target device to prevent the writing of wrong address numbers. (Ex.: In case of AnyWireASLINK, maximum points setting is 256 points.)

[Internal Setting]

Before using the address writer, confirm the series or number of parameters of set target products and match the internal setting of the address writer with them.

■Contents to be checked

The contents to be checked are the "maximum points setting mode," "maximum number of parameters setting mode," "decimal/hexadecimal display setting mode," "automatic carry of parameter set value YES/NO setting mode," and "address writer mode."

Factory setting	Setting item	Set value	Content of set value
Ad 512	Maximum points setting mode (Factory setting: 512)	Ad 256	The upper limit address number is 255
		Ad 512	The upper limit address number is 511
Pn 18	Maximum number of parameters setting mode (Factory setting: 18*)	Pn 00 ~ Pn 18	The number of parameters available in the parameter mode Ex.) Pn 04 If the parameter is set to 04, 4 types (01 to 04) can be selected in parameter mode.
dh dEC	Decimal/hexadecimal display setting mode (Factory setting: Decimal)	dh dEC	Decimal display
		dh hEH	Hexadecimal display
PA no	Automatic carry of parameter set value YES/NO setting mode (Factory setting: NO)	PA YES	When the parameter set value is changed, carry is automatically performed
		PA no	When the parameter set value is changed, carry is not automatically performed
Md A4	Address writer mode (Factory setting: ARW-04)	Md A4	ARW-04
		Md A3	ARW-03 (This is a former address writer mode. Four-digit numbers are not available. It works in decimal, automatic carry YES mode.)

＊The factory setting is 0 when DATE of the lot seal is 2017-4 17D or before.

●Maximum points setting mode

Perform setting depending on the AnyWire series to be used to prevent the writing of wrong address numbers.

	Maximum points setting	
	256 points	512 points
Address number available for setting	0–255	0–511

⚠CAUTION	Although address setting for all series is available in the factory setting (512 points), unexpected operation may be caused by the writing of address numbers of 256 or more in the case of AnyWireASLIK, Bitty series. Use the writing target system and internal setting together to prevent the writing of wrong address numbers. Maximum control points of AnyWireASLINK, Bitty series: Input 256 points/output 256 points (AnyWire DB A20 series: Input 512 points/output 512 points)

●Maximum number of parameters setting mode

The number of parameters available for setting depends on products.
Set it according to products to prevent a malfunction caused by the writing of unnecessary parameters.

⚠CAUTION	Since the maximum number of parameters of factory setting DATE2017-5 17E or after is "18," the reading or writing of parameters is already possible in factory setting, but confirm with the product manual of each product and perform the setting of the maximum number of parameters to prevent the writing of unnecessary parameters. Since the maximum number of parameters of factory setting DATE2017-4 17D or before is "0," reading or writing parameters is not available until the internal setting is completed.

● Decimal or hexadecimal display setting mode

To handle a variable of 10000 or larger number, select the hexadecimal display mode, because the number of digits that can be handled as a variable of equipment parameter is 4 digits.

■Setting operation

		How to operate	Display		Description	Set sound
Maximum points setting mode	1	Turn ON the POWER button pressing SELECT button	Ad 256	or Ad 512	Current maximum points setting mode	Beep, beep, beep
	2	Press the SET button	Ad 256	or Ad 512	Flashing dots move to the right	Beep
	3	Display the number to be set by the UP/DOWN button and press the SET button (Pressing the R button displays Ad 256)	SEt	After "SEt" is displayed, the set value is displayed again		Beep BEEP!
			Ad 256 Ex.)	When 256 points are set as the maximum points		
	4	Press the L button or the CLEAR button	Ad 256	or Ad 512	Flashing dots move to the left	Beep
Maximum number of parameters setting mode	5	Press the UP button once to set the number of parameters to set	Pn 00 ~ Pn 19		Current maximum number of parameters selected	
	6	Press the SET button	Pn 00 ~ Pn 19		Flashing dots move to the right	Beep
	7	Display the number to be set by the UP/DOWN button and press the SET button (Pressing the R button displays Pn 00)	SEt	After "SEt" is displayed, the set value is displayed again		Beep BEEP!
			Pn 10 Ex.)	When 10 is set as the number of parameters		
	8	Press the L button or the CLEAR button	Pn 00 ~ Pn 19		Flashing dots move to the left	Beep
Display setting mode	9	Press the UP button once to set the 7-segment display method	dH dEC	or dH hEH	Current 7-segment display method	
	10	Press the SET button	dH dEC	or dH hEH	Flashing dots move to the right	Beep
	11	Display the number to be set by the UP/DOWN button and press the SET button (Pressing the R button displays dH dEC)	SEt	After "SEt" is displayed, the set value is displayed again		Beep BEEP!
			dH hEH Ex.)	When set to hexadecimal display		
	12	Press the L button or the CLEAR button	dH dEC	or dH hEH	Flashing dots move to the left	Beep
Automatic carry of parameter set value YES/NO setting mode	13	Press the UP button once to set YES or NO for the automatic carry of parameter set value	PA YES	or PA no	Current parameter automatic carry YES/NO	
	14	Press the SET button	PA YES	or PA no	Flashing dots move to the right	Beep
	15	Display the number to be set by the UP/DOWN button and press the SET button (Pressing the R button displays PA no)	SEt	After "SEt" is displayed, the set value is displayed again		Beep BEEP!
			PA no Ex.)	In case of setting the automatic carry to NO		
	16	Press the L button or the CLEAR button	PA YES	or PA no	Flashing dots move to the left	Beep

|		How to operate	Display	Description	Set sound
Address writer mode	17	Press the UP button once to set the address writer mode	∏d∂∂⅁4 or ∏d∂∂⅁Ɛ	Current address writer mode	
	18	Press the SET button	∏d∂∂⅁4 or ∏d∂∂⅁Ɛ	Flashing dots move to the right	Beep
	19	Display the number to be set by the UP/DOWN button and press the SET button (Pressing the R button displays ∏d∂∂⅁4)	888SEŁ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ ‾ d⅁∂d74 Ex.)	After "SEt" is displayed, the set value is displayed again — — — — — — — — — When ARW-04 mode is set	Beep BEEP!
	20	Hold down the POWER button to turn OFF the power			

[Teaching…EX Mode]

This is the mode to perform teaching [operation to store the status of the presence/absence of work before use in memory], which is necessary when using ASLINKAMP and ASLINKSENSOR.

> ⚠ **CAUTION** The necessity of teaching setting depends on products. Refer to the product manual of each product for details.

■Setting operation

	How to operate	Display	Description	Set sound
1	Hold down the POWER button	`04-1.01`	After the version is displayed	Beep, beep
		`SELEСt`	SELECt flashes	
2	Press the SELECT button	`------`	- - - - - - Flashing	Beep
3	Press the SELECT button to turn on the EX indicator (red)	EX (red)	The SEt on mode is selected	Beep
4	Press the SET button	`SEton`	The SEt on mode is determined	Beep
5	After the state where the corresponding terminal detects a work, point the light emitting and receiving part at the setting port, and press the SET button	`SEo o`	During the setting operation	Beep
6	When SEton setting is correctly set, "Good" is displayed and then "SEton" is displayed again.	`Good`	Correctly completed	BEEP!
		`SEton`	Setting is completed	
7	If SEton setting is not correctly set, "SE Err" is displayed. Reset the light emitting and receiving part, and press the SET button again until Operation No.6 is completed	`SE.Err`	Err display	Beep, beep, beep, beep, beep
8	After SEton setting is completed, press the UP or DOWN button once	`SEtoFF`	SEt oFF mode	
9	In the state where there is no work in the corresponding terminal, point the light emitting and receiving part at the setting port, and press the SET button	`SEo o`	During the setting operation	Beep
10	When SEtoFF setting is correctly set, "Good" is displayed and then "SEtoFF" is displayed again	`Good`	Correctly completed	BEEP!
		`SEtoFF`	Setting is completed	
11	If SEton setting is not correctly set, "SE Err" is displayed. Reset the light emitting and receiving part, and press the SET button again until Operation No.10 is completed	`SE.Err`	Err display	
12	- Clear the Err display - Change to another mode Press the CLEAR button			
13	When moving to the next setting, press the SELECT button	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		

EX must be lit

Light emitting and receiving part (yellow part)
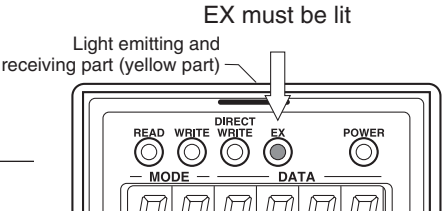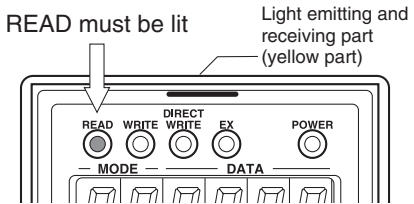
[Reading…READ Mode]

This is the mode to read addresses and parameters that have been set in a remote unit.
Make sure that power and transmission signal are normally supplied to the relevant remote unit.

■Address reading operation

	How to operate	Display	Description	Set sound
1	Hold down the POWER button	`04-10`	After the version is displayed	Beep, beep
		`SELECt`	SELECt flashes	
2	Press the SELECT button	`------`	- - - - - - Flashing	Beep
3	Press the SELECT button to turn on the READ indicator (green)	READ (green)	The READ mode is selected	Beep
4	Press the SET button	`Ad----`	The READ mode is determined	Beep
5	Point the light emitting and receiving part at the setting port of the target unit, and press the SET button	`Ado ° o °`	During the reading operation	Beep
6	In the case of success in reading `H` indicates word address.	`Ad _ 16` Ex.)	The address number is displayed When the read address number is bit address 16	BEEP!
		`AdH _ 7` Ex.)	The address number is displayed When the read address number is word address 7	
7	Address reading operation (Operation No. 5) for a different unit can be performed			
8	In the case of failure in reading	`Ad Err`	Err display	Beep, beep, beep, beep, beep
9	Reset the light emitting and receiving part, and press the SET button again to repeat the reading operation (Operation No. 5)			
10	- Clear the Err display - Change to another mode Press the CLEAR button	`Ad----`	Return to READ mode display	
11	When moving to the next setting, press the SELECT button to light up the display of the desired mode	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		Beep

⚠ CAUTION
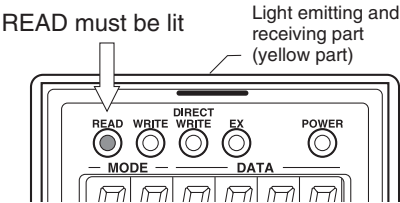
To read a word address from a word-compatible remote unit, an address writer of Ver. 2.01 or later version is required.
If you attempt to read a word address from a word-compatible remote unit by using an address writer of a version before Ver. 1.02, "Ad. 999" is displayed.

READ must be lit

Light emitting and receiving part (yellow part)

READ WRITE DIRECT WRITE EX POWER
— MODE — DATA —

■Parameter reading operation

	How to operate	Display	Description	Set sound
1	Hold down the POWER button	`04-10I`	After the version is displayed	Beep, beep
		`SELECt`	SELECt flashes	
2	Press the SELECT button	`------`	Flashing	Beep
3	Press the SELECT button to turn on the READ indicator (green)	READ (green)	The READ mode is selected	Beep
4	Press the SET button	`Ad----`	The READ mode is determined	Beep
5	Select the parameter to be read by using the UP/DOWN button	`01----` Ex.)	When selecting parameter 1	
6	Point the light emitting and receiving part at the unit, and press the SET button	`01o°o°`	Reading	Beep
7	In the case of success in reading	`01--50` Ex.)	Example of a read parameter	BEEP!
8	Parameter reading operation (Operation Nos. 5 and 6) for a different unit can be performed			
9	In the case of failure in reading	`01.Err`	Err display	Beep, beep, beep, beep, beep
10	Reset the light emitting and receiving part, and press the SET button again to repeat the reading operation (Operation No. 6)			
11	- Clear the Err display - Change to another mode Press the CLEAR button	`01----` Ex.)	Return to READ mode display	
12	When moving to the next setting, press the SELECT button to light up the display of the desired mode	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		Beep

READ must be lit   Light emitting and receiving part (yellow part)

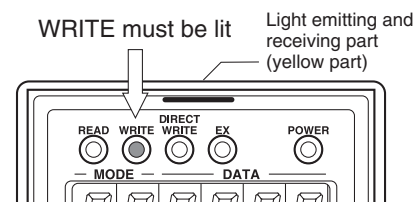READ WRITE DIRECT WRITE EX   POWER
— MODE —   — DATA —

[Writing…WRITE/DIRECT WRITE Mode]

This is the mode to write addresses and parameters that have been set in a remote unit.
Make sure that power and transmission signal are normally supplied to the relevant remote unit.

Mode	Details
WRITE	When the power of the terminal and transmission signals are turned off after the writing operation and turned on again, the written values become available.
DIRECT WRITE	The written values become available at the time when addresses are written. ＊As addresses can be updated with the power on, this is an easy method. However, it requires careful attention to operation so that unexpected terminal movement may not cause an accident.

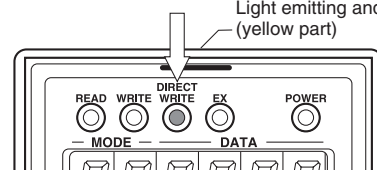|	How to operate	Display	Description	Set sound
1	Hold down the POWER button	`04-10`	After the version is displayed	Beep, beep
		`SELEC`	SELECt flashes	
2	Press the SELECT button	`------`	Flashing	Beep
3	Press the SELECT button to turn on the WRITE indicator (yellow)	WRITE (yellow)	The WRITE mode is selected	Beep
4	Press the SET button	`Ad___0`	The WRITE mode is determined	Beep
5	Press the SET button	`Ad___0.`	Flashing dots move to the right	Beep
6	Display the address number to be written by using the UP/DOWN button If the set value is 0, each time the R button is pressed, +50 is added. If the number exceeds 255 or 511 (initial setting), it returns to 0. If the set value is not 0, it returns to 0 when the R button is pressed.	`Ad___4.` Ex.)	When setting to bit address 4	
7	Point the light emitting and receiving part at the setting port of the target unit, and press the SET button	`Ad°o°o`	During the writing operation	Beep
8	In the case of success in writing	`Good`	After Good flashes	BEEP!
		`Ad___4.` Ex.)	The written value is displayed	
9	Address writing operation (Operation Nos. 6 and 7) for a different unit can be performed			
10	In the case of failure in writing	`Ad.Err`	Err display	Beep, beep, beep, beep, beep
11	Reset the light emitting and receiving part, and press the SET button again to repeat the writing operation (Operation No. 7)			
12	- Clear the Err display - Change to another mode Press the CLEAR button	`Ad___4.` Ex.)	Return to WRITE mode display	Beep
13	Press the CLEAR button	`Ad___0.` Ex.)	Flashing dots move to the left	Beep
14	When moving to the next setting, press the SELECT button to light up the display of the desired mode	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		Beep

WRITE must be lit

Light emitting and receiving part (yellow part)

■Address number writing operation   Writing "word address" in the DIRECT WRITE mode (example)

	How to operate	Display	Description	Set sound
1	Hold down the POWER button	04-2.01	After the version is displayed	Beep, beep
		SELECt	SELECt flashes	
2	Press the SELECT button	(Flashing)	Flashing	Beep
3	Press the SELECT button twice to turn on the DIRECT WRITE indicator (orange)	DIRECT WRITE (orange)	The DIRECT WRITE mode is selected	Beep
4	Press the SET button	Ad___0	The DIRECT WRITE mode is determined	Beep
5	Press the SET button	Ad.___0	Flashing dots move to the right	Beep
6	Press the L button three times	Ad.___0	Flashing dots move to the left	
7	Press the UP/DOWN button to show H	AdH___0	H indicates word address	Beep
8	Press the R button three times	AdH___0	Flashing dots move to the right	
9	Display the address number to be written by using the UP/DOWN button. If the set value is 0, each time the R button is pressed, +50 is added. If the set value is not 0, it returns to 0 when the R button is pressed.	AdH___4 Ex.)	When setting to word address 4	
10	Point the light emitting and receiving part at the setting port of the target unit, and press the SET button	Ad°o°o	During the writing operation	Beep
11	In the case of success in writing	Good	After Good flashes	BEEP!
		AdH___4 Ex.)	The written value is displayed	
12	Address writing operation (Operation Nos. 6 and 7) for a different unit can be performed			Beep
13	In the case of failure in writing	Ad.Err	Err display	Beep, beep, beep, beep, beep
14	Reset the light emitting and receiving part, and press the SET button again to repeat the writing operation (Operation No. 7)			
15	- Clear the Err display - Change to another mode Press the CLEAR button	AdH___4 Ex.)	Return to DIRECT WRITE mode display	Beep
16	Press the CLEAR button	AdH___0	Flashing dots move to the left	Beep
17	When moving to the next setting, press the SELECT button to light up the display of the desired mode	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		Beep

⚠ CAUTION

To write a word address from a word-compatible remote unit, an address writer of Ver. 2.01 or later version is required.
If you attempt to write a word address into a remote unit incompatible with word address setting, error code "E-0306" is displayed.

DIRECT WRITE must be lit
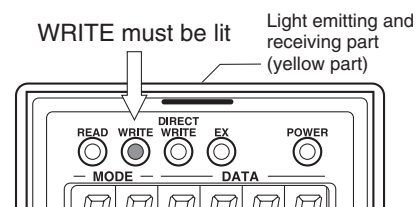Light emitting and receiving part (yellow part)

READ WRITE DIRECT WRITE EX   POWER
— MODE —   — DATA —

■Parameter writing operation　＊Writing in the WRITE mode (example)

	How to operate	Display	Description	Set sound
1	Hold down the POWER button	04-1.01	After the version is displayed	Beep, beep
		SELECt	SELECt flashes	
2	Press the SELECT button	------	Flashing	Beep
3	Press the SELECT button several times to turn on the WRITE indicator (yellow)*	WRITE (yellow)	The WRITE mode is selected	Beep
4	Press the SET button	Ad___0	The WRITE mode is determined	Beep
5	Select the parameter number to be written by using the UP/DOWN button	01___0 Ex.)	When selecting equipment parameter 1	Beep
6	Press the SET button	01.___0 Ex.)	Flashing dots move to the right	Beep
7	Select the parameter value to be written by using the UP/DOWN button	01___1 Ex.)	When setting the variable to "1" in equipment parameter 1	Beep
8	Point the light emitting and receiving part at the setting port of the target unit, and press the SET button	01°□°□	During the writing operation	
9	In the case of success in writing	Good	After Good flashes	BEEP!
		01___1 Ex.)	The written value is displayed	
10	Parameter writing operation (Operation Nos. 7 and 8) for a different unit can be performed (If returning by the CLEAR button, the parameter number can be changed (Operation Nos. 5 and 6).)			
11	In the case of failure in writing	01.Err	Err display	Beep, beep, beep, beep, beep
12	Reset the light emitting and receiving part, and press the SET button again to repeat the writing operation (Operation No. 8)			
13	- Clear the Err display - Change to another mode Press the CLEAR button	01___1 Ex.)	Return to DIRECT WRITE mode display	Beep
14	Press the CLEAR button	01.___0	Flashing dots move to the left	Beep
15	When moving to the next setting, press the SELECT button to light up the display of the desired mode	READ (green) WRITE (yellow) DIRECT WRITE (orange) EX (red)		Beep

⚠CAUTION

If you attempt to write a parameter number that the remote unit does not support or a variable out of the setting range, "E-0303" is displayed.
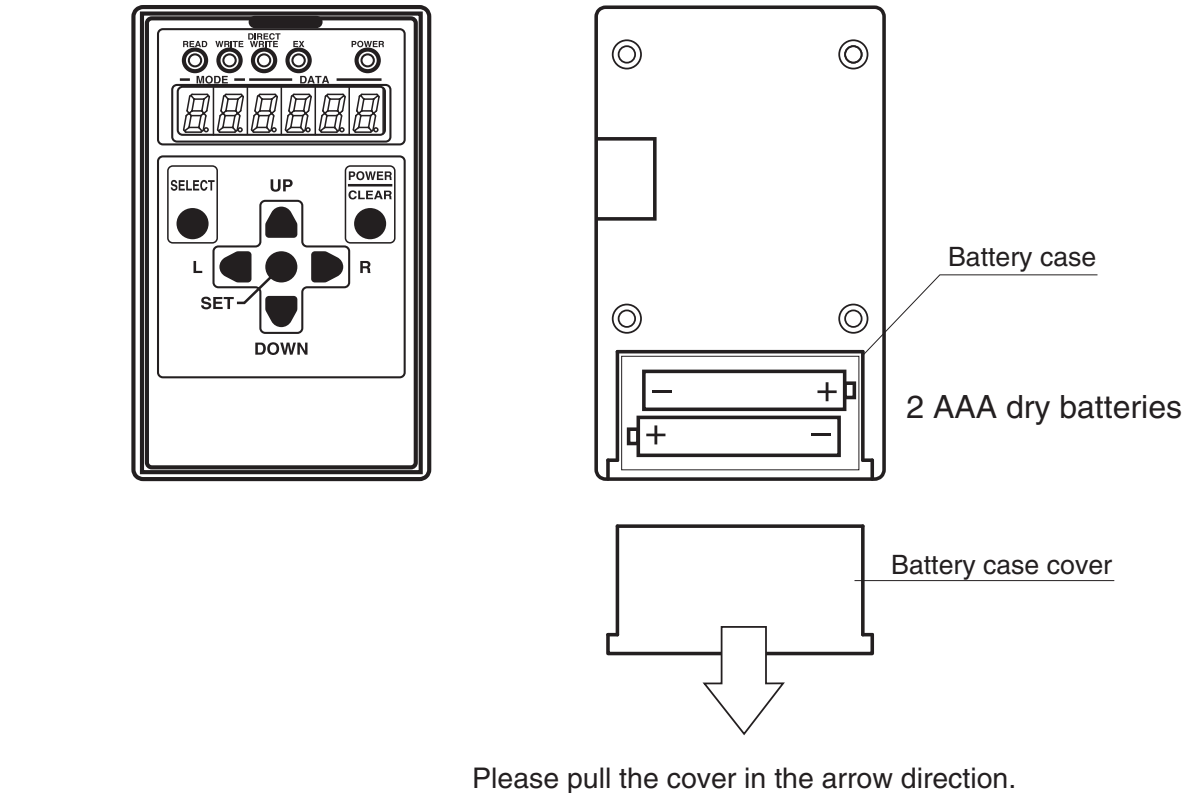
WRITE must be lit　　Light emitting and receiving part (yellow part)

READ　WRITE　DIRECT WRITE　EX　　POWER

— MODE —　　DATA

[Battery Replacement]

If the POWER indicator lamp flashes, the battery is almost dead. Please replace it with new one.

■Battery replacement

	Condition	Display	Meaning
1	POWER button ON	POWER indicator lamp flashes CHAnGE	Battery is almost dead
2	POWER button OFF		Battery replacement

Battery case

2 AAA dry batteries

Battery case cover

Please pull the cover in the arrow direction.

for battery EU

⚠CAUTION	- Be sure to use AAA alkaline dry cell batteries. - If not put in the correct directions, it may cause a failure, breakage, etc. - Properly dispose of used batteries in accordance with the regulations of each local government.

[Specifications]

■General specifications

Power supply	AAA alkaline dry cell battery: 2 pieces
Operating ambient temperature	0 to +55℃
Operating ambient humidity	10 to 90%RH No condensation
Storing temperature	-25 to +75℃
Atmosphere	No corrosive gas
Operating altitude*1	0 to 2000m
Pollution level*2	2 or less

*1 Do not use or store the product in an environment where the pressure exceeds the atmospheric pressure at an altitude of 0m. Doing so may result in malfunction.

*2 "Pollution level" is an index that indicates the degree of occurrence of conductive substances in the environment where the product is used.
Pollution level 2 means the occurrence of only pollution by non-conductive substances.
In such an environment, however, electrical conduction could occur due to accidental condensation.

■Individual specifications

Weight	100g (Including batteries)

■Type of battery

type of applicable battery	AAA alkaline dry cell battery

for battery
EU

Note: This symbol mark is prescribed in Article 13 "Labelling and marking of batteries" and Annex VI of EU Battery Regulation (EU 2023/1542).
Anywire products have been designed and manufactured by using high-quality materials and parts, in consideration of their recycling and reuse.
The above mark means that batteries and storage batteries must be separated from general refuse during disposal.
Also, when a symbol of element is shown under this mark, it means that the relevant batteries or storage batteries contain heavy metal at the standard or higher concentration.
The standard of concentration is as follows:
Hg: mercury (0.0005%), Cd: cadmium (0.002%), Pb: lead (0.004%)
For disposal of used batteries and storage batteries, separate collecting systems are established in EU.
Dispose of batteries and storage batteries properly at collecting/recycling facilities in each district.
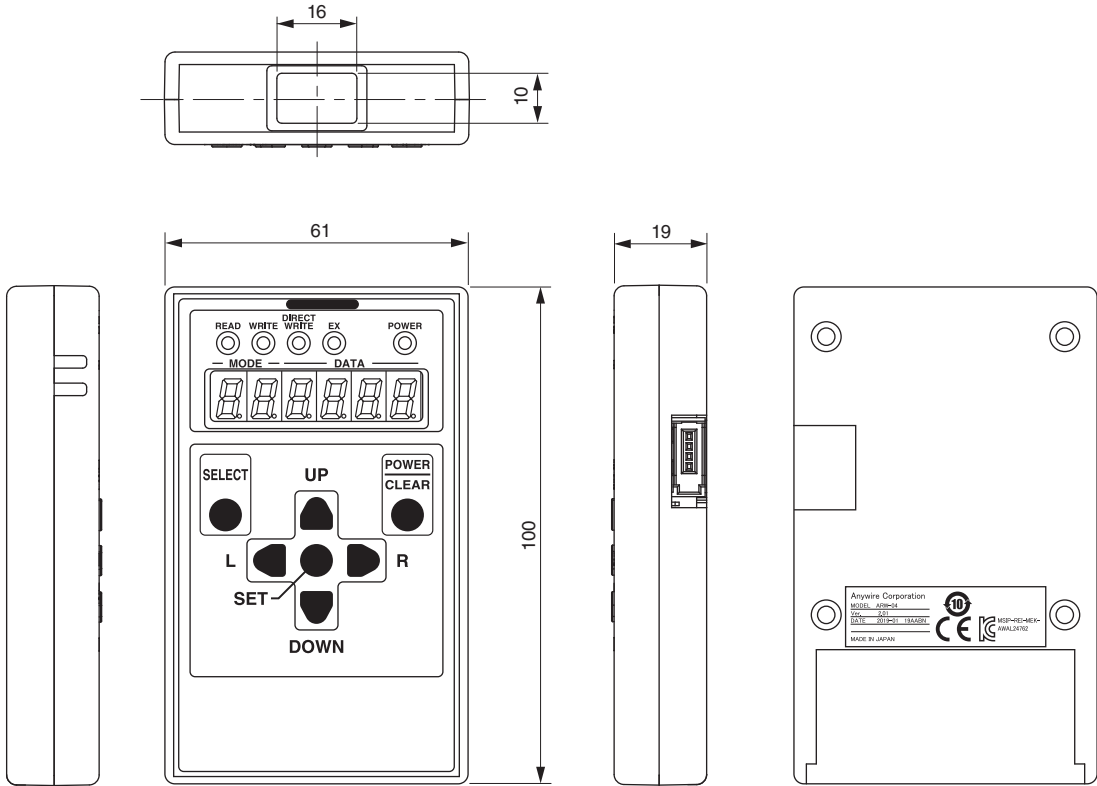We ask for your cooperation to protect our local environment.

[Outside Dimensions]

Unit: mm

[Directive on Waste Electrical and Electronic Equipment (WEEE)] ────

Note: This symbol mark is for EU countries only.
This symbol mark is according to the directive 2012/19/ EU Article 14 Information for users and Annex IX.

This symbol means that electrical and electronic equipment, at their end-of-life,
should be disposed of separately from your household waste.

[Address] ──────────────────────────────────