LR5N－B Series
INSTRUCTION MANUAL

## DRW170865AC

## Autonics

Thank vou for choosing our Autonics product．
ead and understand the instruction manual and manual thoroughly befor sing the product．
For your safety，read and follow the below safety considerations before using manual，other manuals and Autonics website．
eep this instruction manual ina place where you can find easily．
he specifications，dimensions，etc．are subject to change without notice for product
follow Autonics website for the latest information．

## Safety Considerations

－Observe all＇Safety Considerations＇for safe and proper operation to avvid hazards $\Delta$ symbol indicates caution due to special circumstances in which hazards may occur
$\triangle$ Warning Failure to follow instructions may result in serious injuyy or death．
01．Fail－safe device must be installed when using the unit with machinery that may cause serious injury or substantial economic loss． ．e．g．nuclear power
control，medical equipment，ships，vehicles，railways，aircraft，combustion apparatus，safety equipment，crime／disaster prevention devices，etc．） Failure to follow this instruction may result in personal injur，economice loss or
02．Dire oot use the unit in the place where flammable／explosive／corrosive gas， high humidity，direct sunlight，radiant heat，vibration，impact，or salinity may be present．
03．Install on a device panel to to use
Failure to follow this instruction may result in fire．
04．Do not connect，repair，or inspect the unit while connected to a power source．
Failure to
follow this instruction may result in fire．
．Fiilw＇Connections＇before wiring．
06．Do not disasssemble or modify the unit
Failure to follow this instruction may result in fire．
7．Since lithium ba
Failure to follow this instruction may result in explosion or fire．
$\triangle$ Caution Failure to follow instructions may result in injuyy or product damage．
01．When connecting the measurement input，use AWG $24\left(0.20 \mathrm{~mm}^{2}\right)$ to AWG 15 （ $1.65 \mathrm{~mm}^{2}$ ）cable and tighten the terminal screw with a tightening torque of

Failure to follow this instruction may result in fire or malfunction due to contact
02．Use the unit within the rated specifications．
F3．Uilure to follow this instruction may result in fire or product damage．
． sea dry cloth to clean the unit，and do not use water or organic solvent．
Failure to follow this instruction may result in fire．
04．Keep the product away from metal chip，dust，and wire residue which flow into the unit．
Failure to follow this instruction may result in fire or product damage．

## Cautions during Use

－Follow instructions in＂Cautions during Use＇．
－Keep away from high voltage lines or or owerlin．
The connection of this units should be separated from the power line and hig
－The in order to prevent inductive noise．
his unit ma be used in the following environments．
－Altitude max． $2,000 \mathrm{~m}$
Pollution degree 2
Installation category｜｜

## 国目国国國

Cautions when using the lithium battery
Do not charge，short，discassemble，sub
－Dheck the polarity．
－Do not solder on a battery directly．
－Do not store this unit in the place with the direct sunlight，high temperature and
humiditi．


## Comedions



## Detach the Case


－Hold L L Lock part to direction ©（，（2）that top and bottom of the product with $\triangle$ Caution：When using the tools，be careful not to be wounded．

Replace the Battery

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- Detach the case and pull the battery (CR2477) towar
l
M polariy.
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DIP Switch Settin
 swi．
－When display range and unit in front display panel do not conform，move SW 1 to


## Operation Chart

■ Display range：RPS， Hz



Display range： $0.1 \mathrm{RPM}, 0.1 \mathrm{~Hz}$ ，RPM


## Operation Mode

$\square$ Frequency／revolutions
easures the frequency of input $A$ and displays the calculated frequency，and


| Display value | Display unit | $\alpha$ | Frequency（ Hz ） | ＝f×a | $(a=1[$ secl $)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hz | 1 | Revolutions（rpm） | ＝f×a | $(\alpha=60 \mathrm{sec})$ |


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