

OTHER PRECAUTIONS

of prastics. Using a dry rag, just wipe clean

O Be carefull not to install the sensor at the follwing locations

Do not use organic solvent, such as thinner, to remove contaminants from the body case, lid, and lens which are all

• When a swiching regulator is to be used with a power supply.

be sure to ground the Frame Ground Terminal.

Do not use the sensor in a transient state at power on (about

Do not run sensor cable near a high-voltage lines, or power lines or put them together in the same raceway. This warning should be strictly observed to prevent malfunctions caused

⚠ Must not use this item as safety equipment for the purpose of human body protection

 Where a lot of dust, vapor, or the like is present. Where corrosive gas is produced.
Where water, oil or the like flies directly onto the sensor.
Where strong vibration or shock is caused to the sensor.

Timer function rating Mod

SPECIFICATIONS

Through Beam

VT-4000 VT-4000T

AC/DC type
Retro Reflection

VR-1000 VR-1000T

Red LED

AC2700V 1 minute

Diffused Reflection

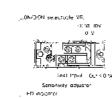
VD-1301

VD-130

NAME OF PARTS o AC/DC type



∘DC type



*Test Input function for through-beam type is equipped to emitter.

HOW TO USE

- Connection
- O Install the cables to match the connection terminal No. as

inute

10~55Hz amplitude 1.5mm X.Y.Z.each 2 hours

50G (500m/s) X.Y.Z.each 2 hours

IEC144 IP67

Case/Cover: ABS (glass fiber Included) Lens: PMMA

Diffused Reflection (Long Range type

VD-300

VD-300

Sun Light: 10,000lux max. Ha 20MΩ/Di

Through Beam

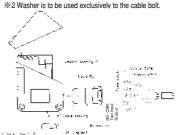
φ30mm

ime (240°) ver Indicator for Emitter (Red)

light: 3,000lux max

- Ouse either lead-in opening A or B according to the installation method involved.
- Install a vlinding bolt at the lead-in opening not to be used.
 The figure below shows how the cables are installed whead-in opening A is used.
- *1 Cable packing is selected separately either for cable or blinding bolt according to cable diameter. Large: $\phi \, 8 \sim \phi \, 10$ Small: $\phi \, 6 \sim \phi \, 8$

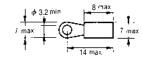
2 Washer is to be used exclusively to the cable bolt.



O Dimensions of applicable solderless terminals

Diffused Reflection

Retro Reflection (with Polarizing filter)



- Use solderless terminals with insulating tube.
- Ouse 6 to 10 mm diameter cables circular in section to maintain waterightness.
- O Wrong wiring may be a cause of burned or damaged sensor.
- Pay due attention to wiring.

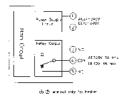
 Our Be careful not to install the cable near power lines, for otherwise the sensor may mulfunction.
- Using the mounting accessories supplied, the sensor can be installed on either floor or wall.

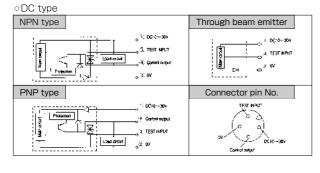
INPUT AND OUTPUT CIRCUIT **DIAGRAMS**

o AC/DC type

100ms)

by inductive interference.





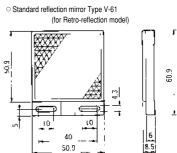
TIMER CHART

Timer period (0.1 ~ 10S) Output ON Time: Stati Standard ĎΝ OFF Ø o∓ o $\|\cdot\|_1$ Delay ON ĹŢ_ ΩFF 8 OFF D Delay (C) ON Delta, ON OFF 监 Ø ON OFF 왕 H

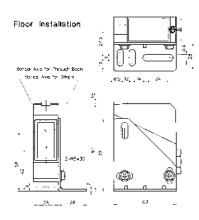
TEST INPUT FUNCTION

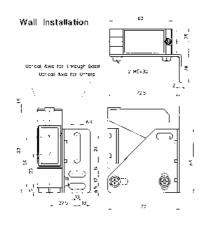
When the No.@terminal is connected to 0V (NPN type) or 10 \sim 30VDC (PNP type), an interrupted status is electrically invented by stoppage of emission. This function can be used as the operational check of the sensor by electric interrupted state without detectable object.

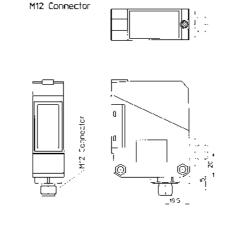
ACCESORIES



DIMENSIONS







- without any obligations on the part of manufacture.
- · For more information, questions and comments regarding products, please contact us below.

Manufactured and sold by:



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