# SUNX

# INSTRUCTION MANUAL

| Inductive Proximity Sensor | Rectangular-shaped |
|---|---|
| Front sensing | Top sensing |
| **GX-F15□** | **GX-H15□** |

MJE-GXFH15 No.0012-52V

Thank you very much for purchase SUNX products. Please read this Instruction Manual carefully and thoroughly for the correct and optimum use of this product. Kindly keep this manual in a convenient place for quick reference.
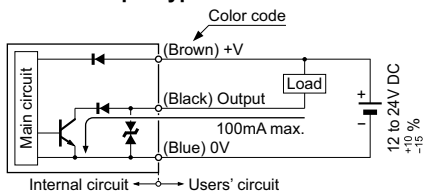
## ⚠ WARNING

- Never use this product as a sensing device for personnel protection.
- In case of using sensing devices for personnel protection, use products which meet laws and standards, such as OSHA, ANSI or IEC etc., for personnel protection applicable in each region or country.
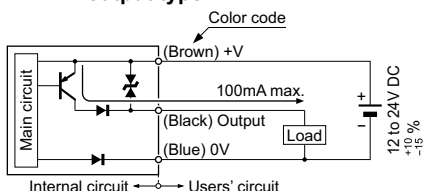
## 1 CAUTIONS

- This product has been developed / produced for industrial use only.
- The output does not incorporate a short-circuit protection circuit. Do not connect it directly to a power supply or a capacitive load.
- Do not use during the initial transient time (50ms) after the power supply is switched ON.
- Extension up to total 100m is possible with a 0.3mm$^2$, or more, cable.
- In case of mounting this product, use a M3 pan head screws, and the tightening torque should be 1N·m or less.

## 2 I/O CIRCUIT DIAGRAMS

- **NPN output type**



- **PNP output type**



## 3 INTENDED PRODUCTS FOR CE MARKING

- The model numbers specified in the "**Catalog**" comply with the CE Marking.
  As for the model numbers other than the "**Catalog**," contact our office.

CE