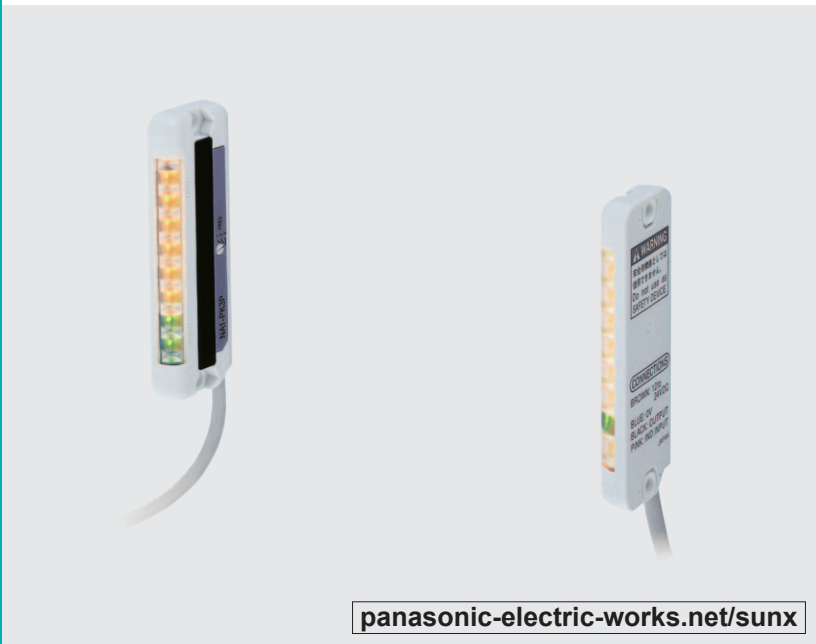


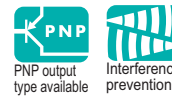
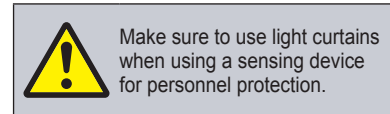
Compact Size Picking Sensor NA1-PK3 SERIES

Related Information

- General terms and conditions..... F-17
- Sensor selection guide P.475~
- Glossary of terms..... P.1359~
- General precautions.....P.1405



panasonic-electric-works.net/sunx



Boasts a compact, pocket lighter size enabling universal installation

Space-saving, pocket lighter-sized unit

Ultra compact size: W24 × H70 × D8 mm **W0.945 × H2.756 × D0.315 in.**
Can even be mounted within the small space constraints of parts containers.



NA1-PK3 Pocket lighter

Utilizes a large, bright, clearly visible job indicator

The ultra compact body incorporates a job indicator approx. 50 mm **1.969 in** tall. Due to its brightness and high visibility, it is now possible to check sensor operation even from a distance.



- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE-SAVING UNITS
- WIRE-SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC CONTROL DEVICES
- ENDOSCOPE
- LASER MARKERS
- PLC / TERMINALS
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS

- Selection Guide
- Slim Body
- Picking
- Other Products

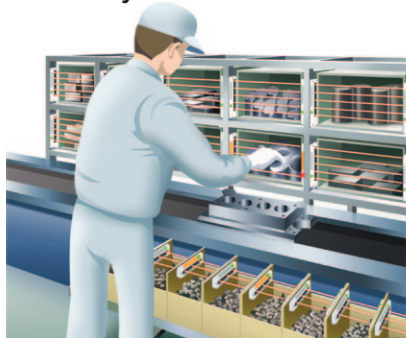
- NA1-PK5/NA1-5
- NA1-PK3

APPLICATIONS

Cell production line



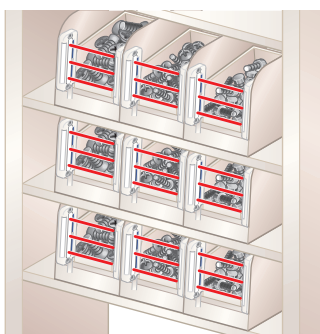
Assembly line



BASIC PERFORMANCE

No synchronization wires required

Synchronization wires are not required, due to the utilization of a synchronized scanning system that results in a reduction of wiring man-hours. In addition, the sensors can be switched among three different emission frequencies, allowing up to three sets of sensors to be installed closely together in the same vertical plane, without causing mutual interference. Even when installed in multistage shelving, malfunctions due to mutual interference will not occur. (When mounted horizontally, a maximum of two sensor sets may be used side-by-side, without interference.)



FUNCTIONS

Switchable output operation

Output operation can be switched to suit the desired application.

OPTIONS

Sensor protection brackets are available

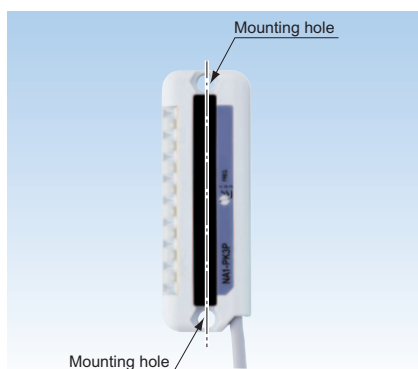
Sensor protection brackets are now available (optional), to protect sensors from damage due to tools and other objects. The protection brackets have a black coating, which enhances the visual effectiveness of the job indicator.



MOUNTING

Easy alignment

The sensor's beam axis is directly in line with the mounting holes, making sensor alignment easier. Mounting can be performed simply by using M4 nuts.



Flexible cable orientation

The cabling can be oriented in either of the two different directions: downward or sideways, thus permitting a flexible layout, in accordance with the sensor's mounting position.



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