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

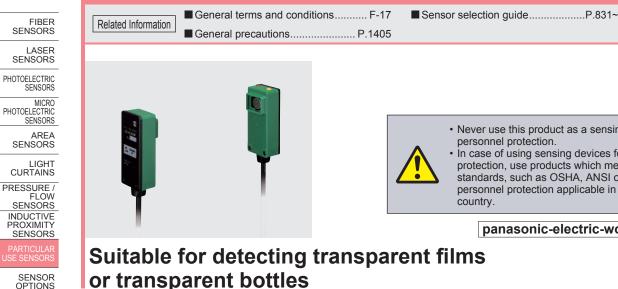
MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Selection Guide Wafer Detection

Liquid Leak

Thru-beam Type Ultrasonic Sensor



SPECIFICATIONS

The CAD data in the dimensions can be downloaded from our website.

· Never use this product as a sensing device for

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

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personnel protection.

country

Туре	Thru-beam
Item Model No.	US-N300
Sensing range	300 mm 11.811 in
Sensing object	Transparent, translucent or opaque object: 20 × 20 mm 0.787 × 0.787 in or more, Hole: 10 × 10 mm 0.394 × 0.394 in or more
Supply voltage	12 to 24 V DC ±10 % Ripple P-P 10 % or less
Current consumption	Transmitter: 35 mA or less, Receiver: 35 mA or less
Output	NPN transistor universal • Maximum sink current: 100 mA • Residual voltage: 1 V or less (at 100 mA sink current)
Output operation	Selectable either sound-received-ON or sound-blocked-ON by the control input
Response time	5 ms or less
Sensitivity adjuster	Continuously variable adjuster
Transmission frequency	220 kHz approx.
Protection	IP62 (IEC)
Ambient temperature	0 to +50 °C +32 to +122 °F (No dew condensation), Storage: -25 to +70 °C -13 to +158 °F
Material	Enclosure: Polycarbonate
Net weight	Transmitter: 80 g approx., Receiver: 85 g approx.
Accessories	MS-N30 (Sensor mounting bracket): 1 set for transmitter and receiver, Adjusting screwdriver: 1 pc.
Dimensions	W28 × H60 × D20 mm W1.102 × H2.362 × D0.787 in

Note: Where measurement conditions have not been specified precisely, the conditions used were an ambient temperature of +23 °C +73.4 °F.

Detection
Liquid Level Detection
Detection
Water Detection
Color Mark
Detection
Hot Melt Glue
Detection
Bottoottoit
Ultrasonic
Small /
Small / Slim Object Detection
Slim Object Detection
Slim Object Detection Obstacle

MEMO

