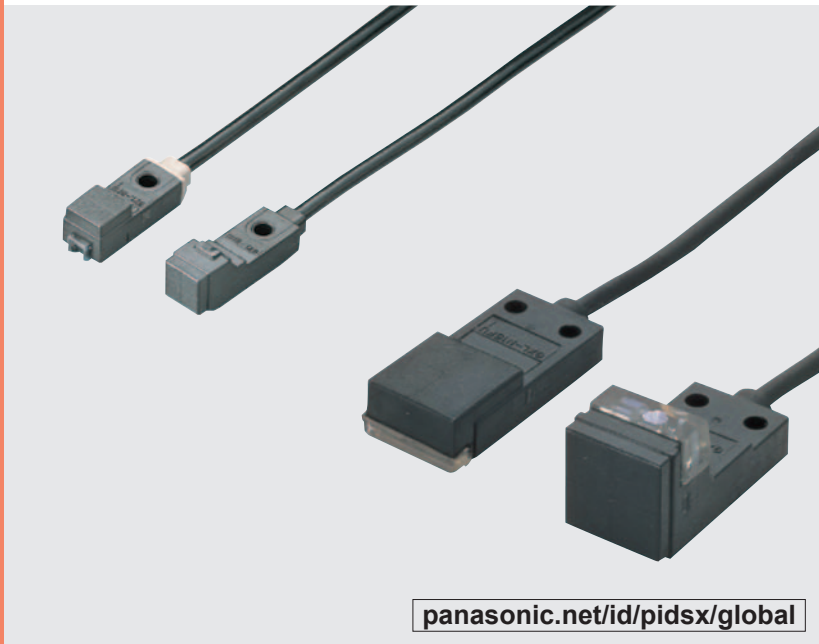


GXL SERIES

Related Information

■ General terms and conditions..... F-7
 ■ Glossary of terms..... P.1482~

■ Sensor selection guide P.803~
 ■ General precautions P.1485~



panasonic.net/id/pidsx/global



2-wire type available



Oil resistant



Flexible cable type available



Different freq. type available

High performance in micro-size design**BASIC PERFORMANCE****Versatile mounting**

Since the sensor is fingertip size, it can be mounted in a tight space.

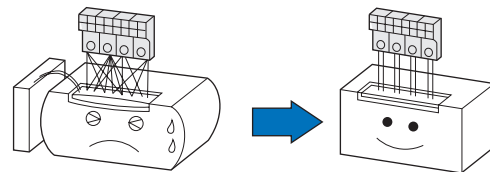
**Reduced wiring operation**

The wiring cost of the DC 2-wire type is 2/3 that of a conventional model. Besides, the possibility of miswiring is reduced.

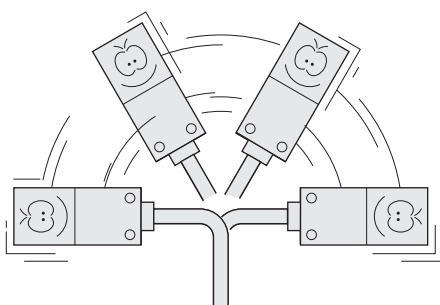
Particularly convenient when many sensors are used.

Wiring of the 3-wire type is cumbersome.

Wiring of the 2-wire type is simple and neat.

**ENVIRONMENTAL RESISTANCE****Flexible cable type**

The bending durability of its cable is ten times that of the conventional model. The sensor can be mounted on a moving table or a robot arm.

**Others****Cost performance**

Achieve high performance at an affordable price.

FIBER SENSORS

LASER SENSORS

PHOTOELECTRIC SENSORS

MICRO PHOTOELECTRIC SENSORS

AREA SENSORS

LIGHT CURTAINS / SAFETY COMPONENTS

PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASUREMENT SENSORS

STATIC ELECTRICITY PREVENTION DEVICES

LASER MARKERS

PLC

HUMAN MACHINE INTERFACES

ENERGY CONSUMPTION VISUALIZATION COMPONENTS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Selection Guide

Amplifier Built-in

Amplifier-separated

GX-F/H

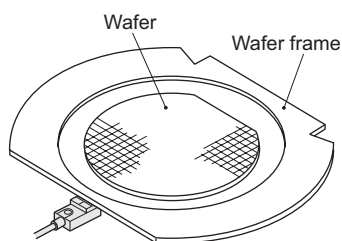
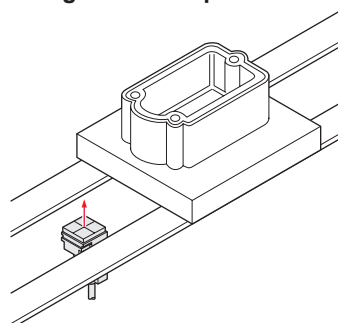
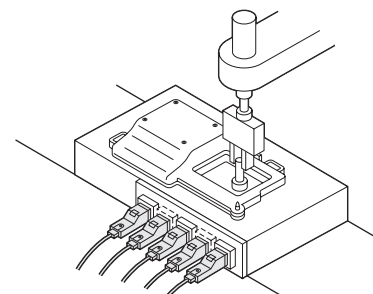
GXL

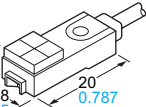
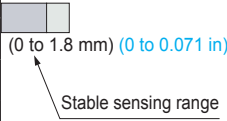
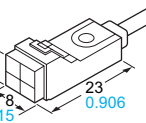
GL

GX-M

GX-U/GX-FU/GX-N

GX

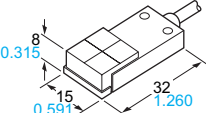
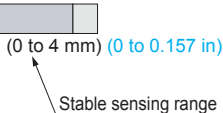
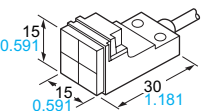
APPLICATIONS**Detecting wafer frame****Detecting aluminum pallet****Code reading****ORDER GUIDE****GXL-8 type**

Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation	
DC 2-wire	Front sensing			GXL-8FU	Non-contact DC 2- wire type	Normally open	
				GXL-8FUI		Normally closed	
				GXL-8FUB			
				GXL-8FUIB		Normally open	
	Top sensing			GXL-8HU			Normally open
				GXL-8HUI			
				GXL-8HUB			Normally closed
				GXL-8HUIB			

Notes: 1) The maximum operation distance stands for the maximum distance for which the sensor can detect the standard sensing object.
The stable sensing range stands for the sensing range for which the sensor can stably detect the standard sensing object even if there is an ambient temperature drift and/or supply voltage fluctuation.

2) "I" in the model No. indicates a different frequency type.

GXL-15 (Standard) type

Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation	
DC 2-wire	Front sensing			GXL-15FU	Non-contact DC 2- wire type	Normally open	
				GXL-15FUI		Normally closed	
				GXL-15FUB			
				GXL-15FUIB		Normally open	
	Top sensing			GXL-15HU			Normally open
				GXL-15HUI			
				GXL-15HUB			Normally closed
				GXL-15HUIB			

Notes: 1) The maximum operation distance stands for the maximum distance for which the sensor can detect the standard sensing object.
The stable sensing range stands for the sensing range for which the sensor can stably detect the standard sensing object even if there is an ambient temperature drift and/or supply voltage fluctuation.

2) "I" in the model No. indicates a different frequency type.

FIBER
SENSORSLASER
SENSORSPHOTO-
ELECTRIC
SENSORSMICRO
PHOTO-
ELECTRIC
SENSORSAREA
SENSORSLIGHT
CURTAINS /
SAFETY
COMPONENTSPRESSURE /
FLOW
SENSORSINDUCTIVE
PROXIMITY
SENSORSPARTICULAR
USE
SENSORSSENSOR
OPTIONSSIMPLE
WIRE-
SAVING
UNITSWIRE-
SAVING
SYSTEMSMEASURE-
MENT
SENSORSSTATIC
ELECTRICITY
PREVENTION
DEVICESLASER
MARKERS

PLC

HUMAN
MACHINE
INTERFACESENERGY
CONSUMPTION
VISUALIZATION
COMPONENTSFA
COMPONENTSMACHINE
VISION
SYSTEMSUV
CURING
SYSTEMSSelection
GuideAmplifier
Built-inAmplifier-
separated**GX-F/H****GXL****GL****GX-M**GX-U/GX-FU/
GX-N**GX**