DC 2-wire type Micro-size Inductive Proximity Sensor Amplifier Built-in

GXL SERIES

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CE
Conforming to EMC Directive

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
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SENSOR OPTIONS
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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		Maximum operation distance 2.5 mm 0.098 in (0 to 1.8 mm) (0 to 0.071 in) Stable sensing range	GXL-8FU	Non-contact DC 2- wire type	Normally open
				GXL-8FUI		
				GXL-8FUB		Normally closed
				GXL-8FUIB		
	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		Maximum operation distance 5 mm 0.197 in (0 to 4 mm) (0 to 0.157 in) Stable sensing range	GXL-15FU	Non-contact DC 2- wire type	Normally open
				GXL-15FUI		
				GXL-15FUB		Normally closed
				GXL-15FUIB		
	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.