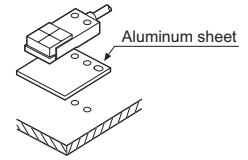


ORDER GUIDE

GXL-15 (Long sensing range) type ... For mounting on non-magnetic material (Note 3)

Type	Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation		
DC 2-wire		Maximum operation distance 8 mm 0.315 in	GXL-15FLU	Non-contact DC 2-wire type	Normally open		
			GXL-15FLUI				
			GXL-15FLUB		Normally closed		
			GXL-15FLUIB				
					Stable sensing range (0 to 6.4 mm) (0 to 0.252 in)	GXL-15HLU	Normally open
						GXL-15HLUI	
	GXL-15HLUB	Normally closed					
	GXL-15HLUIB						

- 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.
- 3) To mount the long sensing range **GXL-15** type on a magnetic body, such as iron, the enclosed aluminum sheet, or any other aluminum sheet having a minimum size of 30 × 39.5 × t 0.3 mm 1.181 × 1.555 × t 0.012 in (**GXL-15HLU** type: 30 × 30 × t 0.3 mm 1.181 × 1.181 × t 0.012 in), should be inserted between the sensor and the magnetic body. However, it is not necessary to use the aluminum sheet when mounting on a non-magnetic body, such as, aluminum or an insulator.



Flexible cable type and 5 m 16.404 ft cable length type

Flexible cable type and 5 m 16.404 ft cable length type (standard: 1 m 3.281 ft) are also available.

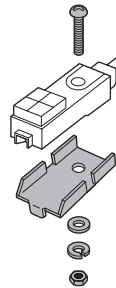
• **Table of Model Nos.**

Type	Standard	Flexible cable type	5 m 16.404 ft cable length type	Flexible cable of 5 m 16.404 ft cable length type		
DC 2-wire	Front sensing	GXL-8FU	GXL-8FU-R	GXL-8FU-C5	GXL-8FU-R-C5	
		GXL-8FUI	GXL-8FUI-R	GXL-8FUI-C5	GXL-8FUI-R-C5	
		GXL-8FUB	GXL-8FUB-R	GXL-8FUB-C5	GXL-8FUB-R-C5	
		GXL-8FUIB	GXL-8FUIB-R	GXL-8FUIB-C5	GXL-8FUIB-R-C5	
		Top sensing	GXL-8HU	GXL-8HU-R	GXL-8HU-C5	GXL-8HU-R-C5
			GXL-8HUI	GXL-8HUI-R	GXL-8HUI-C5	GXL-8HUI-R-C5
	GXL-8HUB		GXL-8HUB-R	GXL-8HUB-C5	GXL-8HUB-R-C5	
	GXL-8HUIB		GXL-8HUIB-R	GXL-8HUIB-C5	GXL-8HUIB-R-C5	
	Front sensing		GXL-15FU	GXL-15FU-R	GXL-15FU-C5	GXL-15FU-R-C5
			GXL-15FUI	GXL-15FUI-R	GXL-15FUI-C5	GXL-15FUI-R-C5
		GXL-15FUB	GXL-15FUB-R	GXL-15FUB-C5	GXL-15FUB-R-C5	
		GXL-15FUIB	GXL-15FUIB-R	GXL-15FUIB-C5	GXL-15FUIB-R-C5	
		Top sensing	GXL-15HU	GXL-15HU-R	GXL-15HU-C5	GXL-15HU-R-C5
			GXL-15HUI	GXL-15HUI-R	GXL-15HUI-C5	GXL-15HUI-R-C5
	GXL-15HUB		GXL-15HUB-R	GXL-15HUB-C5	GXL-15HUB-R-C5	
	GXL-15HUIB		GXL-15HUIB-R	GXL-15HUIB-C5	GXL-15HUIB-R-C5	
	Front sensing		GXL-15FLU	GXL-15FLU-R	GXL-15FLU-C5	GXL-15FLU-R-C5
			GXL-15FLUI	GXL-15FLUI-R	GXL-15FLUI-C5	GXL-15FLUI-R-C5
		GXL-15FLUB	GXL-15FLUB-R	GXL-15FLUB-C5	GXL-15FLUB-R-C5	
		GXL-15FLUIB	GXL-15FLUIB-R	GXL-15FLUIB-C5	GXL-15FLUIB-R-C5	
		Top sensing	GXL-15HLU	GXL-15HLU-R	GXL-15HLU-C5	GXL-15HLU-R-C5
			GXL-15HLUI	GXL-15HLUI-R	GXL-15HLUI-C5	GXL-15HLUI-R-C5
	GXL-15HLUB		GXL-15HLUB-R	GXL-15HLUB-C5	GXL-15HLUB-R-C5	
	GXL-15HLUIB		GXL-15HLUIB-R	GXL-15HLUIB-C5	GXL-15HLUIB-R-C5	

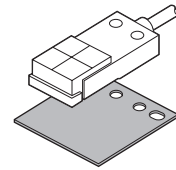
FIBER SENSORS
LASER SENSORS
PHOTO-ELECTRIC SENSORS
MICRO PHOTO-ELECTRIC SENSORS
AREA SENSORS
LIGHT CURTAINS / SAFETY COMPONENTS
PRESSURE / FLOW SENSORS
INDUCTIVE PROXIMITY SENSORS
PARTICULAR USE SENSORS
SENSOR OPTIONS
SIMPLE WIRE-SAVING UNITS
WIRE-SAVING SYSTEMS
MEASUREMENT SENSORS
STATIC ELECTRICITY 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

ORDER GUIDE**Accessories**

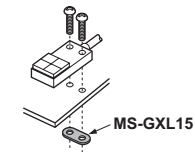
- **MS-GXL8-4** (Sensor mounting bracket for **GXL-8FU**, **GXL-8HU** type)
- **MS-A15F** (Aluminum sheet for **GXL-15FLU** type)
- **MS-A15H** (Aluminum sheet for **GXL-15HLU** type)

• **MS-GXL8-4**

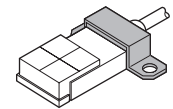
1 pc. each of M3
(length: 12 mm 0.472 in)
truss head screw, nut, spring
washer and plain washer is
attached.

• **MS-A15F**
• **MS-A15H****OPTIONS**

Designation	Model No.	Description
Sensor mounting bracket	MS-GXL15	Mounting bracket for GXL-15 type
	MS-GXL15-2	Mounting bracket for GXL-15F type

Sensor mounting bracket• **MS-GXL15**

Screws are not supplied.

• **MS-GXL15-2**

Screws are not supplied.

FIBER
SENSORSLASER
SENSORSPHOTO-
ELECTRIC
SENSORSMICRO
PHOTO-
ELECTRIC
SENSORSAREA
SENSORSLIGHT
CURTAINS /
SAFETY
COMPONENTSPRESSURE /
FLOW
SENSORS**INDUCTIVE
PROXIMITY
SENSORS**PARTICULAR
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**