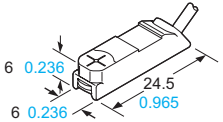
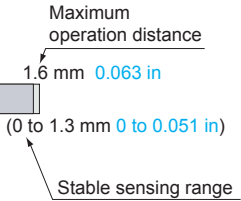
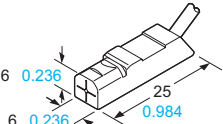
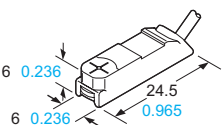
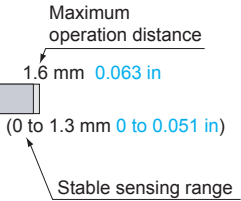
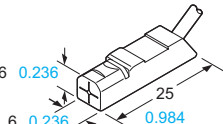


ORDER GUIDE**GX-6 type**

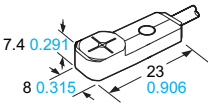
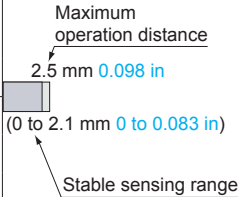
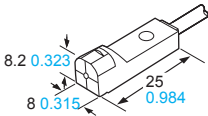
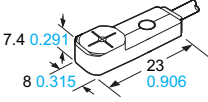
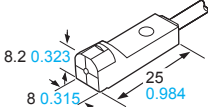
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing			GX-F6A	NPN open-collector transistor	Normally open
		GX-F6AI		Normally closed		
		GX-F6B		Normally open		
		GX-F6BI		Normally closed		
	Top sensing			GX-H6A		Normally open
		GX-H6AI		Normally closed		
		GX-H6B		Normally open		
		GX-H6BI		Normally closed		
PNP output	Front sensing			GX-F6A-P	PNP open-collector transistor	Normally open
		GX-F6AI-P		Normally closed		
		GX-F6B-P		Normally open		
		GX-F6BI-P		Normally closed		
	Top sensing			GX-H6A-P		Normally open
		GX-H6AI-P		Normally closed		
		GX-H6B-P		Normally open		
		GX-H6BI-P		Normally closed		

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.

GX-8 type

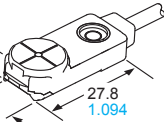
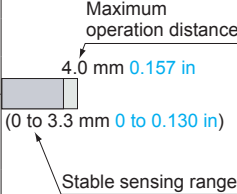
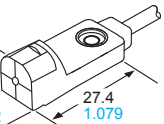
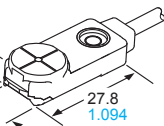
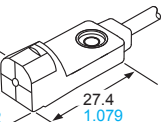
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing			GX-F8A	NPN open-collector transistor	Normally open
	Top sensing			GX-F8AI		Normally closed
				GX-F8B		Normally open
				GX-F8BI		Normally closed
				GX-H8A		Normally open
				GX-H8AI		Normally closed
PNP output	Front sensing			GX-F8A-P	PNP open-collector transistor	Normally open
	Top sensing			GX-F8AI-P		Normally closed
				GX-F8B-P		Normally open
				GX-F8BI-P		Normally closed
				GX-H8A-P		Normally open
				GX-H8AI-P		Normally closed

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.

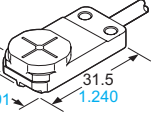
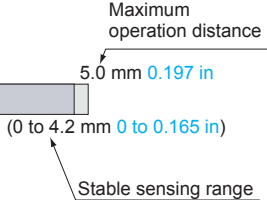
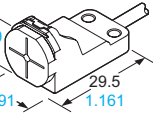
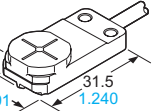
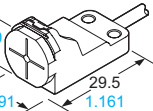
2) "I" in the model No. indicates a different frequency type.

ORDER GUIDE**GX-12 type**

Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing			GX-F12A	NPN open-collector transistor	Normally open
		GX-F12AI		Normally closed		
		GX-F12B				
		GX-F12BI				
	Top sensing			GX-H12A		Normally open
				GX-H12AI		
				GX-H12B		Normally closed
				GX-H12BI		
PNP output	Front sensing			GX-F12A-P	PNP open-collector transistor	Normally open
		GX-F12AI-P		Normally closed		
		GX-F12B-P				
		GX-F12BI-P				
	Top sensing			GX-H12A-P		Normally open
				GX-H12AI-P		
				GX-H12B-P		Normally closed
				GX-H12BI-P		

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.

GX-15 type

Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation	
NPN output	Front sensing			GX-F15A	NPN open-collector transistor	Normally open	
		GX-F15AI					
		GX-F15B					
		GX-F15BI					
	Top sensing			GX-H15A		Normally open	
				GX-H15AI			
	GX-H15B						
	GX-H15BI						
PNP output	Front sensing			(0 to 4.2 mm 0 to 0.165 in)	GX-F15A-P	PNP open-collector transistor	Normally open
				GX-F15AI-P			
				GX-F15B-P	Normally closed		
				GX-F15BI-P			
	Top sensing			GX-H15A-P	Normally open		
				GX-H15AI-P			
				GX-H15B-P			
				GX-H15BI-P	Normally closed		

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.

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GuideAmplifier
Built-inAmplifier-
separated**GX-F/H****GXL****GL**GX-U/GX-FU/
GX-N**GX**