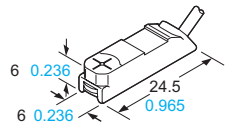
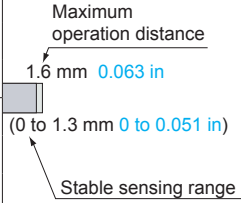
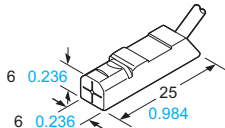
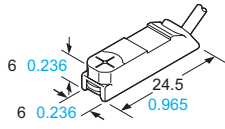
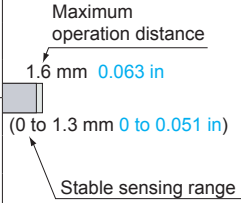
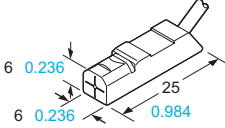


ORDER GUIDE**GX-6 type**

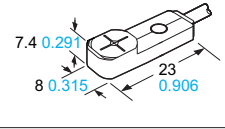
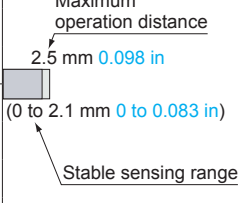
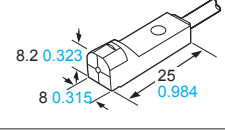
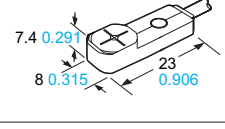
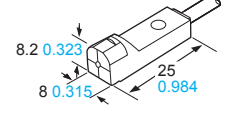
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation	
NPN output	Front sensing		 Maximum operation distance 1.6 mm 0.063 in (0 to 1.3 mm 0 to 0.051 in) Stable sensing range	GX-F6A	NPN open-collector transistor	Normally open	
	Top sensing			GX-F6AI		Normally closed	
				GX-F6B		Normally open	
				GX-F6BI			Normally open
				GX-H6A			Normally closed
				GX-H6AI			
				GX-H6B			
	GX-H6BI						
PNP output	Front sensing		 Maximum operation distance 1.6 mm 0.063 in (0 to 1.3 mm 0 to 0.051 in) Stable sensing range	GX-F6A-P	PNP open-collector transistor	Normally open	
	Top sensing			GX-F6AI-P		Normally closed	
				GX-F6B-P		Normally open	
				GX-F6BI-P			Normally open
				GX-H6A-P			Normally closed
				GX-H6AI-P			
				GX-H6B-P			
	GX-H6BI-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-8 type

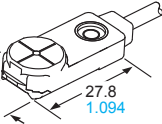
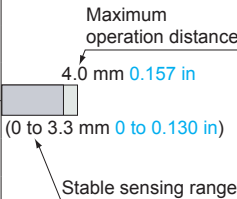
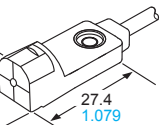
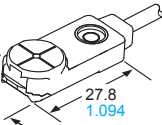
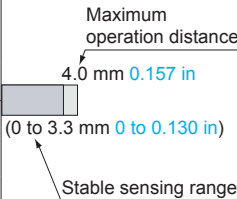
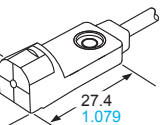
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation		
NPN output	Front sensing		 Maximum operation distance 2.5 mm 0.098 in (0 to 2.1 mm 0 to 0.083 in) Stable sensing range	GX-F8A	NPN open-collector transistor	Normally open		
	Top sensing			GX-F8AI		Normally closed		
				GX-F8B			Normally open	
				GX-F8BI				Normally closed
				GX-H8A				
				GX-H8AI			Normally closed	
GX-H8B	Normally open							
GX-H8BI		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			
			GX-H8B-P	Normally open				
			GX-H8BI-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.

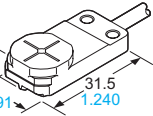
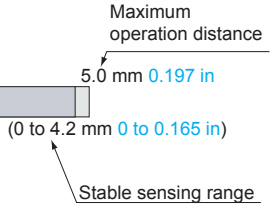
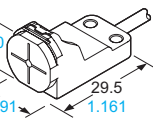
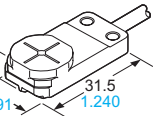
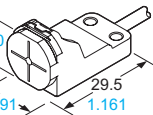
2) "I" in the model No. indicates a different frequency type.

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						
	GX-H12BI-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-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		Normally closed			
		GX-F15B					
		GX-F15BI		Normally open			
	Top sensing			GX-H15A		Normally open	
		GX-H15AI					
	GX-H15B	Normally closed					
	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			
	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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CURING
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GuideAmplifier
Built-inAmplifier-
separated**GX-F/H****GXL****GL****GX-M**GX-U/GX-FU/
GX-N**GX**