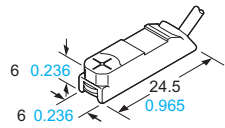
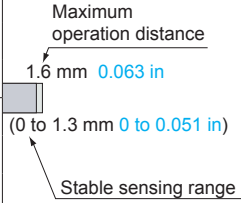
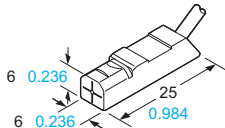
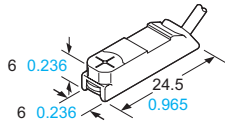
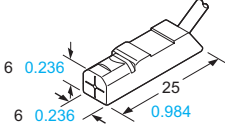


ORDER GUIDE**GX-6 type**

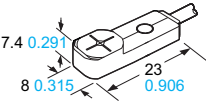
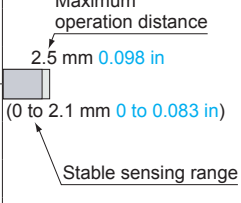
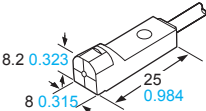
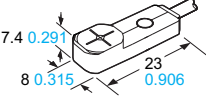
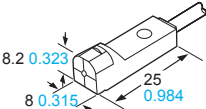
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation		
NPN output	Front sensing		 Maximum operation distance 1.6 mm 0.063 in (0 to 1.3 mm 0 to 0.051 in) Stable sensing range	GX-F6A	NPN open-collector transistor	Normally open		
	Top sensing			GX-F6AI		Normally closed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

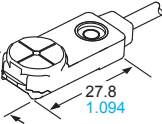
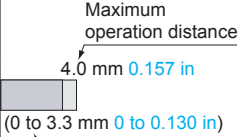
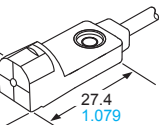
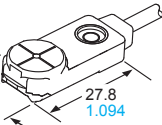
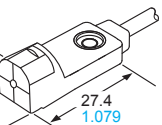
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing	 7.4 0.291 8 0.315 23 0.906	 Maximum operation distance 2.5 mm 0.098 in (0 to 2.1 mm 0 to 0.083 in) Stable sensing range	GX-F8A	NPN open-collector transistor	Normally open
	Top sensing	 8.2 0.323 8 0.315 25 0.984		GX-F8AI		Normally closed
				GX-F8B		Normally open
				GX-F8BI		
				GX-H8A		
				GX-H8AI		
PNP output	Front sensing	 7.4 0.291 8 0.315 23 0.906		GX-H8B	PNP open-collector transistor	Normally closed
	Top sensing	 8.2 0.323 8 0.315 25 0.984		GX-H8BI		Normally open
				GX-F8A-P		
				GX-F8AI-P		Normally closed
				GX-F8B-P		
				GX-F8BI-P		
			GX-H8A-P	Normally open		
			GX-H8AI-P			
			GX-H8B-P			
			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.

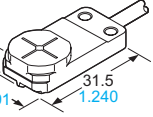
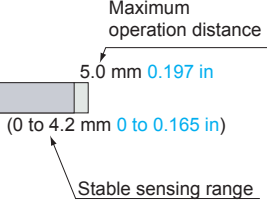
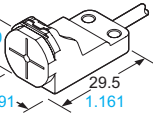
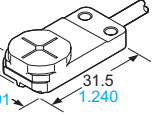
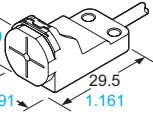
2) "I" in the model No. indicates a different frequency type.

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			(0 to 3.3 mm 0 to 0.130 in) Stable sensing range	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					
		GX-F15B		Normally closed			
	Top sensing			GX-F15BI		Normally open	
				GX-H15A			
				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-F15BI-P		
				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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GX-N**GX**