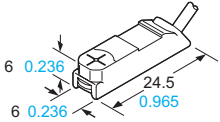
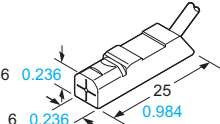
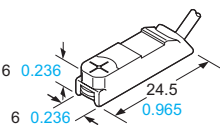


ORDER GUIDE**GX-6 type**

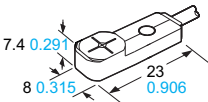
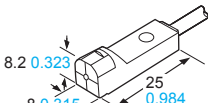
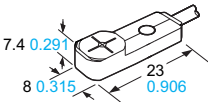
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing		 Maximum operation distance 1.6 mm 0.063 in (0 to 1.3 mm 0 to 0.051 in) Stable sensing range	GX-F6A	NPN open-collector transistor	Normally open
	Top sensing	GX-F6AI		Normally closed		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

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

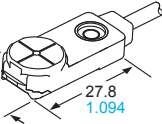
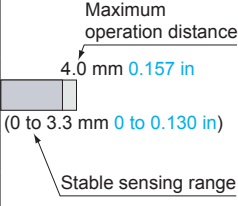
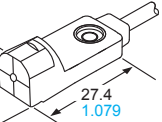
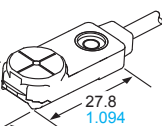
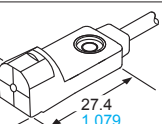
Type		Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing		 Maximum operation distance 2.5 mm 0.098 in (0 to 2.1 mm 0 to 0.083 in) Stable sensing range	GX-F8A	NPN open-collector transistor	Normally open
	Top sensing	GX-F8AI		Normally closed		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

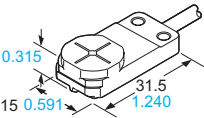
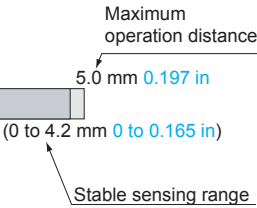
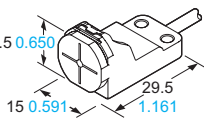
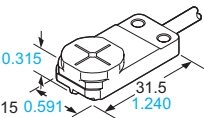
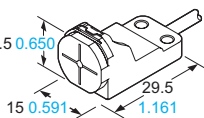
2) "I" in the model No. indicates a different frequency type.

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					
		GX-H12A		Normally open			
		GX-H12AI					
Top sensing				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			
				GX-H12A-P	Normally open		
				GX-H12AI-P			
			GX-H12B-P				
			GX-H12BI-P	Normally closed			
	Top sensing						

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		
PNP output				GX-H15B	Normally closed	
				GX-H15BI		
	Front sensing			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			

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**