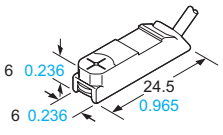
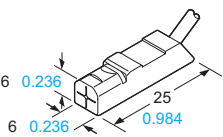
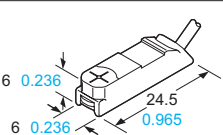
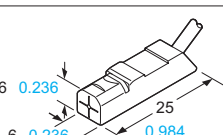


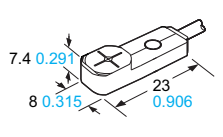
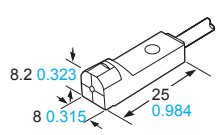
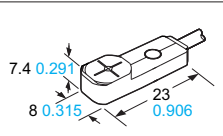
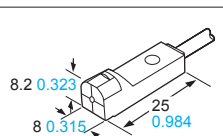
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**GX-6 type**

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 Stable sensing range (0 to 1.3 mm 0 to 0.051 in)	GX-F6A	NPN open-collector transistor	Normally open
			GX-F6AI		
			GX-F6B		Normally open
	Top sensing 		GX-H6A		Normally open
			GX-H6AI		Normally closed
			GX-H6B		Normally open
PNP output	Front sensing 		GX-F6A-P	PNP open-collector transistor	Normally open
			GX-F6AI-P		Normally closed
			GX-F6B-P		Normally open
	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**

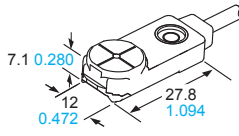
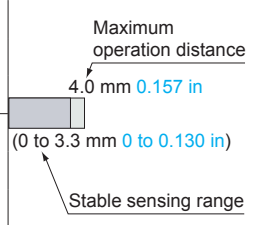
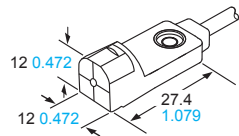
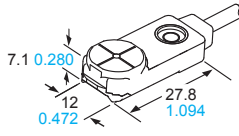
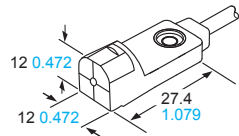
Type	Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing 	Maximum operation distance 2.5 mm 0.098 in Stable sensing range (0 to 2.1 mm 0 to 0.083 in)	GX-F8A	NPN open-collector transistor	Normally open
			GX-F8AI		Normally closed
			GX-F8B		Normally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

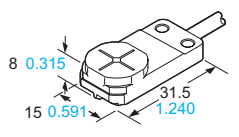
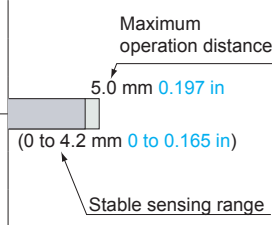
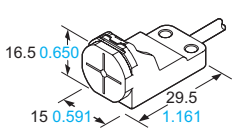
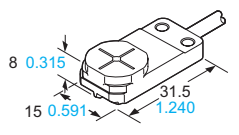
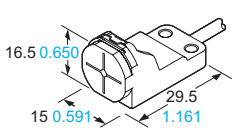
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**GX-12 type**

Type	Appearance (mm in)	Sensing range (Note 1)	Model No. (Note 2)	Output	Output operation
NPN output	Front sensing 	 <p>Maximum operation distance 4.0 mm 0.157 in</p> <p>Stable sensing range (0 to 3.3 mm 0 to 0.130 in)</p>	GX-F12A	NPN open-collector transistor	Normally open
			GX-F12AI		
	GX-F12B		Normally closed		
	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		
	GX-F12B-P		Normally closed		
	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 	 <p>Maximum operation distance 5.0 mm 0.197 in</p> <p>Stable sensing range (0 to 4.2 mm 0 to 0.165 in)</p>	GX-F15A	NPN open-collector transistor	Normally open
			GX-F15AI		
	GX-F15B		Normally closed		
	GX-F15BI				
	Top sensing 		GX-H15A		Normally open
			GX-H15AI		
GX-H15B	Normally closed				
GX-H15BI					
PNP output	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	Normally closed				
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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**GL**

**GX-M**

GX-U/GX-FU/GX-N

**GX**