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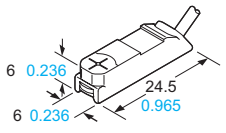
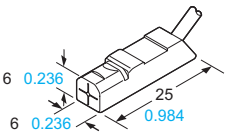
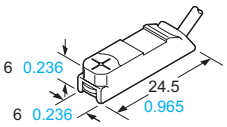
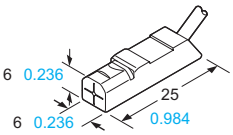
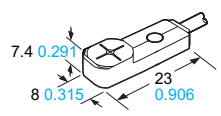
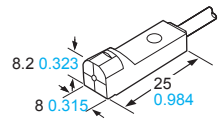
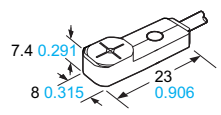
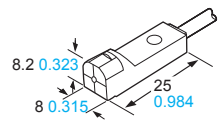
GX-6 type

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 (0 to 1.3 mm 0 to 0.051 in) Stable sensing range	GX-F6A	NPN open-collector transistor	Normally open
				GX-F6AI		Normally closed
				GX-F6B		
				GX-F6BI		
	Top sensing			GX-H6A		Normally open
				GX-H6AI		
				GX-H6B		Normally closed
				GX-H6BI		
PNP output	Front sensing			GX-F6A-P	PNP open-collector transistor	Normally open
				GX-F6AI-P		Normally closed
				GX-F6B-P		
				GX-F6BI-P		
	Top sensing			GX-H6A-P		Normally open
				GX-H6AI-P		
				GX-H6B-P		Normally closed
				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
				GX-F8AI		Normally closed
				GX-F8B		
				GX-F8BI		
	Top sensing			GX-H8A		Normally open
				GX-H8AI		
				GX-H8B		Normally closed
				GX-H8BI		
PNP output	Front sensing			GX-F8A-P	PNP open-collector transistor	Normally open
				GX-F8AI-P		Normally closed
				GX-F8B-P		
				GX-F8BI-P		
	Top sensing			GX-H8A-P		Normally open
				GX-H8AI-P		
				GX-H8B-P		Normally closed
				GX-H8BI-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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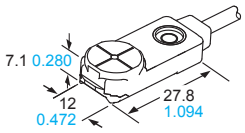
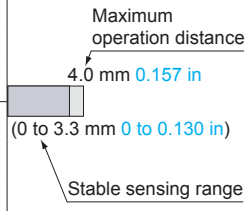
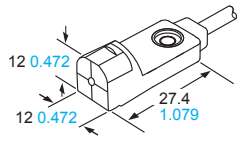
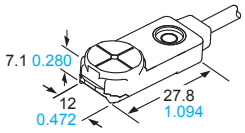
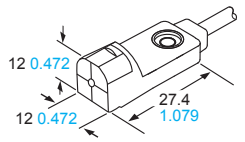
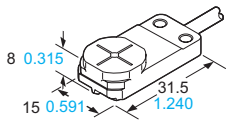
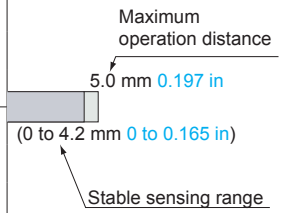
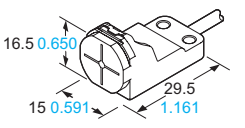
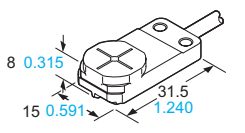
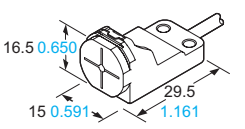
GX-12 type

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		
				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			**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.