

- GX-M
- GX-N
- GX-U/FU
- GA-311

Safety Light Curtains
Semiconductor Sensors
Sensor Controllers
Special Usage Sensors
Static Ionizers
Video Borescopes

Laser Markers
 Servos & Drives
 UV Curing Systems
 Machine Vision/ID Products

TimersLimit Switches

CountersHour MetersPower Meters

Temperature Controllers

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Model Name	<u>Туре</u>	Stable Sensing Range (mm)	Output Config	<u>Output</u>	Shielded	Supply Voltage	<u>Sensor</u> <u>Shape</u>	Max Operating Distance (mm)
GX-F6A	DC 3-wire, Front Sensing	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6A- C5	DC 3-wire, Front Sensing, 5M	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6A-P	DC 3-wire, Front Sensing	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6A- P-C5	DC 3-wire, Front Sensing, 5M	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6A- P-R	DC 3-wire, Front Sensing, High Flex	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6A-R	DC 3-wire, Front Sensing, High Flex	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6AI	DC 3-wire, Front Sensing, Alternate Frequency	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- F6AI-C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- F6AI-P	DC 3-wire, Front Sensing, Alternate Frequency	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- F6AI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- F6AI-P- R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- F6AI-R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B	DC 3-wire, Front Sensing	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B- C5	DC 3-wire, Front Sensing, 5M	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B- P	DC 3-wire, Front Sensing	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B- P-C5	DC 3-wire, Front Sensing, 5M	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B- P-R	DC 3-wire, Front Sensing, High Flex	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6B- R	DC 3-wire, Front Sensing, High Flex	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-F6BI	DC 3-wire, Front Sensing, Alternate Frequency	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- F6BI-C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- F6BI-P	DC 3-wire, Front Sensing, Alternate Frequency	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- F6BI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- F6BI-P- R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- F6BI-R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX-H6A	DC 3-wire, Top Sensing	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6A-C5	DC 3-wire, Top Sensing, 5M	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
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GX- H6A-P	DC 3-wire, Top Sensing	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6A-P- C5	DC 3-wire, Top Sensing, 5M	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6A-P- R	DC 3-wire, Top Sensing, High Flex	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6A-R	DC 3-wire, Top Sensing, High Flex	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-H6AI	DC 3-wire, Top Sensing, Alternate Frequency	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6Al-C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6AI-P	DC 3-wire, Top Sensing, Alternate Frequency	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6AI-P- C5	DC 3-wire, Top Sensing, Atternate Frequency, 5M	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6AI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	1.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX- H6AI-R	DC 3-wire, Top Sensing, Atemate Frequency, High Flex	1.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	1.6
GX-H6B	DC 3-wire, Top Sensing	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6B-C5	DC 3-wire, Top Sensing, 5M	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6B-P	DC 3-wire, Top Sensing	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6B-P- C5	DC 3-wire, Top Sensing, 5M	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6B-P- R	DC 3-wire, Top Sensing, High Flex	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6B-R	DC 3-wire, Top Sensing, High Flex	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI	DC 3-wire, Top Sensing, Aternate Frequency	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI-P	DC 3-wire, Top Sensing, Alternate Frequency	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI-P- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	1.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6
GX- H6BI-R	DC 3-wire, Top Sensing, Aternate Frequency, High Flex	1.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	1.6

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## 8MM Type Sensors

Model Name	<u>Туре</u>	Stable Sensing Range (mm)	Output Config	<u>Output</u>	Shielded	Supply Voltage	<u>Sensor</u> <u>Shape</u>	Max Operating Distance (mm)
GX-F8A	DC 3-wire, Front Sensing	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8A- C5	DC 3-wire, Front Sensing, 5M	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8A- P	DC 3-wire, Front Sensing	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8A- P-C5	DC 3-wire, Front Sensing, 5M	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8A- P-R	DC 3-wire, Front Sensing, High Flex	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8A- R	DC 3-wire, Front Sensing, High Flex	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8AI	DC 3-wire, Front Sensing, Alternate Frequency	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- F8AI-C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- F8AI-P	DC 3-wire, Front Sensing, Alternate Frequency	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- F8AI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- F8AI-P- R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- F8AI-R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-F8B	DC 3-wire, Front Sensing	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5

GX-F8B- C5	DC 3-wire, Front Sensing, 5M	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX-F8B-	DC 3-wire, Front Sensing	2.1	PNP	Normally	Shielded	12-	Rectangular	2.5
P GX-F8B- P-C5	DC 3-wire, Front Sensing, 5M	2.1	PNP	Closed  Normally Closed	Shielded	24VDC 12- 24VDC	Rectangular	
GX-F8B- P-R	DC 3-wire, Front Sensing, High Flex	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX-F8B- R	DC 3-wire, Front Sensing, High Flex	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX-F8BI	DC 3-wire, Front Sensing, Alternate Frequency	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- F8BI-C5	DC 3-wire, Front Sensing, Aternate Frequency, 5M	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- F8BI-P	DC 3-wire, Front Sensing, Alternate Frequency	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- F8BI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- F8BI-P- R	DC 3-wire, Front Sensing, Atemate Frequency, High Flex	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- F8BI-R	DC 3-wire, Front Sensing, Aternate Frequency, High Flex	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX-H8A	DC 3-wire, Top Sensing	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8A-C5	DC 3-wire, Top Sensing, 5M	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8A-P	DC 3-wire, Top Sensing	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8A-P- C5	DC 3-wire, Top Sensing, 5M	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8A-P- R	DC 3-wire, Top Sensing, High Flex	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8A-R	DC 3-wire, Top Sensing, High Flex	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-H8AI	DC 3-wire, Top Sensing, Alternate Frequency	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8AI-C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8AI-P	DC 3-wire, Top Sensing, Alternate Frequency	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8AI-P- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8AI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	2.1	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX- H8AI-R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	2.1	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	2.5
GX-H8B	DC 3-wire, Top Sensing	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8B-C5	DC 3-wire, Top Sensing, 5M	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8B-P	DC 3-wire, Top Sensing	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8B-P- C5	DC 3-wire, Top Sensing, 5M	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8B-P- R	DC 3-wire, Top Sensing, High Flex	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8B-R	DC 3-wire, Top Sensing, High Flex	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI	DC 3-wire, Top Sensing, Atemate Frequency	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI-P	DC 3-wire, Top Sensing, Atemate Frequency	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI-P- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	2.1	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5
GX- H8BI-R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	2.1	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	2.5

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## 12MM Type Sensors

<u>Model</u> <u>Name</u>	<u>Туре</u>	Stable Sensing Range (mm)	Output Config	<u>Output</u>	Shielded	Supply Voltage	<u>Sensor</u> <u>Shape</u>	Max Operating Distance (mm)
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GX-	DC 3-wire, Front Sensing	3.3	NPN	Open Normally	Shielded	24VDC 12-	Rectangular	
F12A-C5 GX-	DC 3-wire, Front Sensing, 5M	3.3	NPN	Open Normally	Shielded	24VDC 12-	Rectangular	
F12A-P GX-	DC 3-wire, Front Sensing	3.3	PNP	Open	Shielded	24VDC	Rectangular	4
F12A-P- C5	DC 3-wire, Front Sensing, 5M	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
F12A-P- I	DC 3-wire, Front Sensing, High Flex	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Front Sensing, High Flex	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
F12Al	DC 3-wire, Front Sensing, Atternate Frequency	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
<b>⊢</b> 1′2ΔI_	DC 3-wire, Front Sensing, Alternate Frequency, 5M	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
F12AI-P	DC 3-wire, Front Sensing, Atemate Frequency	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
F17ALP- I	DC 3-wire, Front Sensing, Atternate Frequency, 5M	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
F17ALP- I	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Front Sensing, Atemate Frequency, High Flex	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX-F12B	DC 3-wire, Front Sensing	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- F12B-C5	DC 3-wire, Front Sensing, 5M	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- F12B-P	DC 3-wire, Front Sensing	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- F12B-P- C5	DC 3-wire, Front Sensing, 5M	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
F12B-P- 1	DC 3-wire, Front Sensing, High Flex	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- F12B-R	DC 3-wire, Front Sensing, High Flex	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Front Sensing, Atternate Frequency	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
F17RL	DC 3-wire, Front Sensing, Alternate Frequency, 5M	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Front Sensing, Atemate Frequency	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
F17RLP_ I	DC 3-wire, Front Sensing, Alternate Frequency, 5M	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- F12BI-R	DC 3-wire, Front Sensing, Atemate Frequency, High Flex	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX-H12A	DC 3-wire, Top Sensing	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12A-C5	DC 3-wire, Top Sensing, 5M	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12A-P	DC 3-wire, Top Sensing	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12A-P- C5	DC 3-wire, Top Sensing, 5M	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12A-P- R	DC 3-wire, Top Sensing, High Flex	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12A-R	DC 3-wire, Top Sensing, High Flex	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Top Sensing, Alternate Frequency	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
GX- H12AI- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	3.3	NPN	Normally Open	Shielded	12- 24VDC	Rectangular	4
	DC 3-wire, Top Sensing, Alternate Frequency	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4
				Normally	Shielded	12-	Dootonoulor	4
GX- H12Al-P-	DC 3-wire, Top Sensing, Alternate Frequency, 5M	3.3	PNP	Open	Sillelded	24VDC	Rectangular	7
GX- H12Al-P- C5 GX- H12Al-P-		3.3	PNP	Open  Normally Open	Shielded	24VDC 12- 24VDC	Rectangular	
GX- H12Al-P- C5 GX- H12Al-P- R	Frequency, 5M  DC 3-wire, Top Sensing, Alternate			Normally		12-		4
GX- H12AI-P- C5 GX- H12AI-P- R GX- H12AI-R	Frequency, 5M  DC 3-wire, Top Sensing, Alternate Frequency, High Flex  DC 3-wire, Top Sensing, Alternate	3.3	PNP	Normally Open	Shielded	12- 24VDC	Rectangular	4

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GX- H12B-P	DC 3-wire, Top Sensing	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12B-P- C5	DC 3-wire, Top Sensing, 5M	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12B-P- R	DC 3-wire, Top Sensing, High Flex	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12B-R	DC 3-wire, Top Sensing, High Flex	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI	DC 3-wire, Top Sensing, Alternate Frequency	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI-P	DC 3-wire, Top Sensing, Alternate Frequency	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI-P- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	3.3	PNP	Normally Closed	Shielded	12- 24VDC	Rectangular	4
GX- H12BI-R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	3.3	NPN	Normally Closed	Shielded	12- 24VDC	Rectangular	4

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## 15MM Type Sensors

15MM I	GD++D++GD++FD++GD++GD++GD++GD++GD+++GD+		D000D00D000D00D0	***********	0000000000000	•00+00+00+0	000000000000000000000000000000000000000	
<u>Model</u> <u>Name</u>	<u>Туре</u>	Stable Sensing Range (mm)	Output Config	<u>Output</u>	<u>Shielded</u>	Supply Voltage	<u>Sensor</u> <u>Shape</u>	Max Operating Distance (mm)
GX-F15A	DC 3-wire, Front Sensing	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX-F15A- C5	DC 3-wire, Front Sensing, 5M	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX-F15A- P	DC 3-wire, Front Sensing	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX-F15A- P-C5	DC 3-wire, Front Sensing, 5M	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX-F15A- P-R	DC 3-wire, Front Sensing, High Flex	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX-F15A- R	DC 3-wire, Front Sensing, High Flex	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX-F15Al	DC 3-wire, Front Sensing, Alternate Frequency	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15Al-C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15AI-P	DC 3-wire, Front Sensing, Atemate Frequency	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15AI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15AI-P- R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15AI-R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX-F15B	DC 3-wire, Front Sensing	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15B-C5	DC 3-wire, Front Sensing, 5M	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15B-P	DC 3-wire, Front Sensing	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15B-P- C5	DC 3-wire, Front Sensing, 5M	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15B-P- R	DC 3-wire, Front Sensing, High Flex	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15B-R	DC 3-wire, Front Sensing, High Flex	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX-F15BI	DC 3-wire, Front Sensing, Alternate Frequency	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15BI-C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- F15BI-P	DC 3-wire, Front Sensing, Alternate Frequency	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15BI-P- C5	DC 3-wire, Front Sensing, Alternate Frequency, 5M	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15BI-P- R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- F15BI-R	DC 3-wire, Front Sensing, Alternate Frequency, High Flex	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5

GX-	DC 3-wire, Long Range Front		Normally		I	12-	I	
FL15A	Sensing	6.7	Open	NPN	Shielded	24VDC	Rectangular	8
GX- FL15A-P	DC 3-wire, Long Range Front Sensing	6.7	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	8
GX- FL15AI	DC 3-wire, Long Range Front Sensing, Alternate Frequency	6.7	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	8
GX- FL15AI-P	DC 3-wire, Long Range Front Sensing, Aternate Frequency	6.7	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	8
GX- FL15B	DC 3-wire, Long Range Front Sensing	6.7	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	8
GX-	DC 3-wire, Long Range Front	6.7	Normally	PNP	Shielded	12-	Rectangular	8
FL15B-P GX-	Sensing DC 3-wire, Long Range Front	6.7	Closed Normally	NPN	Shielded	24VDC 12-	Rectangular	8
FL15BI GX-	Sensing, Alternate Frequency  DC 3-wire, Long Range Front	6.7	Closed	PNP	Shielded	24VDC 12-	Rectangular	
FL15BI-P	Sensing, Alternate Frequency		Closed			24VDC 12-		
GX-H15A GX-	DC 3-wire, Top Sensing	4.2	Open Normally	NPN	Shielded	24VDC 12-	Rectangular	5
H15A-C5	DC 3-wire, Top Sensing, 5M	4.2	Open	NPN	Shielded	24VDC	Rectangular	5
GX- H15A-P	DC 3-wire, Top Sensing	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15A-P- C5	DC 3-wire, Top Sensing, 5M	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15A-P- R	DC 3-wire, Top Sensing, High Flex	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15A-R	DC 3-wire, Top Sensing, High Flex	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX- H15Al	DC 3-wire, Top Sensing, Alternate Frequency	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX- H15Al-	DC 3-wire, Top Sensing, Alternate	4.2	Normally	NPN	Shielded	12-	Rectangular	5
C5 GX-	Frequency, 5M		Open			24VDC		
H15A-P	DC 3-wire, Top Sensing, Alternate Frequency	4.2	Normally Open	PNP	Shielded	24VDC	Rectangular	5
GX- H15AI-P- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15AI-P- R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	4.2	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15AI-R	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	4.2	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	5
GX-H15B	DC 3-wire, Top Sensing	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- H15B-C5	DC 3-wire, Top Sensing, 5M	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX-	DC 3-wire, Top Sensing	4.2	Normally	PNP	Shielded	12- 24VDC	Rectangular	5
H15B-P GX-			Closed			12-		
H15B-P- C5	DC 3-wire, Top Sensing, 5M	4.2	Closed	PNP	Shielded	24VDC	Rectangular	5
GX- H15B-P- R	DC 3-wire, Top Sensing, High Flex	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15B-R	DC 3-wire, Top Sensing, High Flex	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- H15BI	DC 3-wire, Top Sensing, Alternate Frequency	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX- H15BI- C5	DC 3-wire, Top Sensing, Alternate Frequency, 5M	4.2	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	5
GX-	DC 3-wire, Top Sensing, Alternate	4.2	Normally	PNP	Shielded	12- 24VDC	Rectangular	5
H15BI-P GX- H15BI-P-	Prequency  DC 3-wire, Top Sensing, Alternate  Frequency, 5M	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
GX- H15BI-P-	DC 3-wire, Top Sensing, Alternate Frequency, High Flex	4.2	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	5
R GX-	DC 3-wire, Top Sensing, Alternate	4.2	Normally	NPN	Shielded	12-	Rectangular	5
H15BI-R GX-	Frequency, High Flex		Closed	NPN		24VDC 12-		
HL15A GX-	DC 3-wire, Long Range Top Sensing	6.7	Open Normally		Shielded	24VDC 12-	Rectangular	
HL15A-P	DC 3-wire, Long Range Top Sensing	6.7	Open	PNP	Shielded	24VDC	Rectangular	8
GX- HL15Al	DC 3-wire, Long Range Top Sensing, Alternate Frequency	6.7	Normally Open	NPN	Shielded	12- 24VDC	Rectangular	8
GX- HL15AI-P	DC 3-wire, Long Range Top Sensing, Atternate Frequency	6.7	Normally Open	PNP	Shielded	12- 24VDC	Rectangular	8
GX- HL15B	DC 3-wire, Long Range Top Sensing	6.7	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	8
GX- HL15B-P	DC 3-wire, Long Range Top Sensing	6.7	Normally Closed	PNP	Shielded	12- 24VDC	Rectangular	8
GX- HL15BI	DC 3-wire, Long Range Top Sensing, Atternate Frequency	6.7	Normally Closed	NPN	Shielded	12- 24VDC	Rectangular	8
GX-	DC 2 wire Long Pango Tan Sansing	67	Normally	DATE	OL: 11	12-	De-t	0
HI 15RL	, 5 - 3- 1-p - 20.10.11g,	IK /	ı	PNP	Shielded		Rectandular	I X

Alternate Frequency Closed 24VDC 24VDC 24VDC

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