

Parameterization Quick Guide

1 Power off the system then turn the key switch to **PGM**, power the system **back on** and after the system starts, press the **FCN** button 3 times.

1 Key-Switch → FCN Button →

Flashing "P" will be shown on the display until the button is pressed 3 times.

Solid "P" will be shown on the display after the button is pressed 3 times, indicating the system is ready to be programmed.

2 Use the **FCN** button to cycle through the parameters

2 FCN Button →

The number of the selected parameter will be shown on the display

In this quick guide the interlock functions, parameter (2) is presented as an example to illustrate the configuration procedure.

Note: Available parameters might vary according Light Curtain model. when the last parameter is reached the cycle will continue from the first one. This allows the user to modify all desired parameters before saving.

3 Hold the **FCN** button to maintain the current parameter selection, **toggle** the **Key-Switch** to change the configuration

3 Key-Switch (Toggle) → FCN Button (Hold) →

The **blue** and **yellow** LEDs will show each parameter's configuration as in the table in the right.

4 Release the **FCN** button then turn the Key-Switch to **RUN** to save the configuration

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The light curtain will restart and start up with the new parameter(s) configuration.

Warning: Parameterization configuration might affect the detection capability and other safety features of the light curtain! Improper use can lead to serious injury or death, careful assessment is required before using these features. Please read the MX4000 Series Safety Light Curtains user manual.

Parameters Reference Table

Parameter		Options		
Code	Description	Value	BLUE	YELLOW
1	Scan code	CODE A (Default)	<input type="radio"/>	<input type="radio"/>
		CODE B	<input type="radio"/>	<input checked="" type="radio"/>
2	Interlock functions	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		START INTERLOCK	<input type="radio"/>	<input checked="" type="radio"/>
		RESTART INTERLOCK	<input checked="" type="radio"/>	<input type="radio"/>
		BOTH	<input checked="" type="radio"/>	<input checked="" type="radio"/>
3	EDM function	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		ENABLED	<input type="radio"/>	<input checked="" type="radio"/>
4	Auxiliary output signalling	NONE (Default)	<input type="radio"/>	<input type="radio"/>
		INTERLOCK	<input type="radio"/>	<input checked="" type="radio"/>
		MUTE (MX4200 only)	<input checked="" type="radio"/>	<input type="radio"/>
5	Mute function (MX4200 only)	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		ENABLED (timeout 60 s)	<input checked="" type="radio"/>	<input type="radio"/>
		ENABLED (timeout 180 s)	<input type="radio"/>	<input checked="" type="radio"/>
		ENABLED (timeout 600 s)	<input checked="" type="radio"/>	<input checked="" type="radio"/>
6	Blanking tolerance, positive (MX4200 only)	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		1 beam	<input checked="" type="radio"/>	<input type="radio"/>
		2 beams	<input type="radio"/>	<input checked="" type="radio"/>
		3 beams	<input checked="" type="radio"/>	<input checked="" type="radio"/>
7	Blanking tolerance, negative (MX4200 only)	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		1 beam	<input checked="" type="radio"/>	<input type="radio"/>
8	Floating blanking (MX4200 only)	DISABLED (Default)	<input type="radio"/>	<input type="radio"/>
		1 beam	<input checked="" type="radio"/>	<input type="radio"/>
		2 beams	<input type="radio"/>	<input checked="" type="radio"/>
		3 beams	<input checked="" type="radio"/>	<input checked="" type="radio"/>
9	Floating mode (MX4200 only)	SINGLE (Default)	<input type="radio"/>	<input type="radio"/>
		MULTIPLE	<input checked="" type="radio"/>	<input type="radio"/>
0	Data interface (MX4200 only)	DISABLED	<input type="radio"/>	<input type="radio"/>
		ENABLED (Default)	<input type="radio"/>	<input checked="" type="radio"/>