

BODY DETECTION MicroGuard

The Body Detection MicroGuard is designed to guard entry/exit areas in hazardous work cells. It will utilize the standard Metal Box (MG) or DIN-Rail Mount (DR) controller and provide coverage heights from 16" to 124." Standard scanning distances of 20' apply, with extended range units shooting up to 35' on a straight scan. The sensing fields consist of a four inch, one inch beam spaced board, then an eight inch inactive or spacer board, then a four inch, one inch beam spaced board and so on. The minimum object sensitivity is nine inches, in other words Body Detection. All optional features can be utilized with the Body Detection MicroGuard. The most common will be the Guarding Mute-Out (MO) to allow conveyed material to pass through the MicroGuard sensing field but will not allow a person to walk into the hazardous area. The following examples describe the functionality of the MicroGuard in conjunction with muting sensors in entry/exit guarding applications.

Part Number Example:

MG	-	16	-	OF1	-	20	-	P2
Type of Controller		Pylon Size		Constant Scan (No Blanking)		Scanning Distance		Number of Active Boards

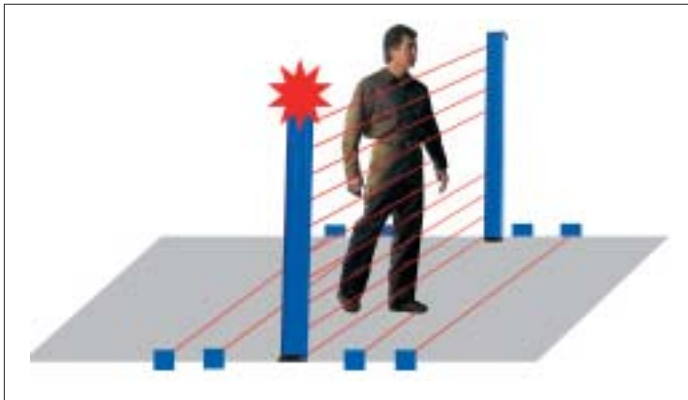
Following are available part numbers for a Body Detection MicroGuard light curtain:

Metal Box Controller

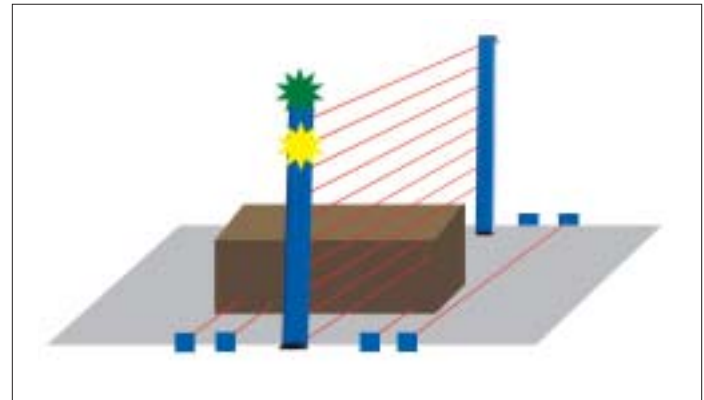
- MG-16-OF1-20-P2
- MG-28-OF1-20-P3
- MG-40-OF1-20-P4
- MG-52-OF1-20-P5
- MG-64-OF1-20-P6
- MG-76-OF1-20-P7
- MG-88-OF1-20-P8
- MG-100-OF1-20-P9
- MG-112-OF1-20-P10
- MG-124-OF1-20-P11

DIN-Rail Controller

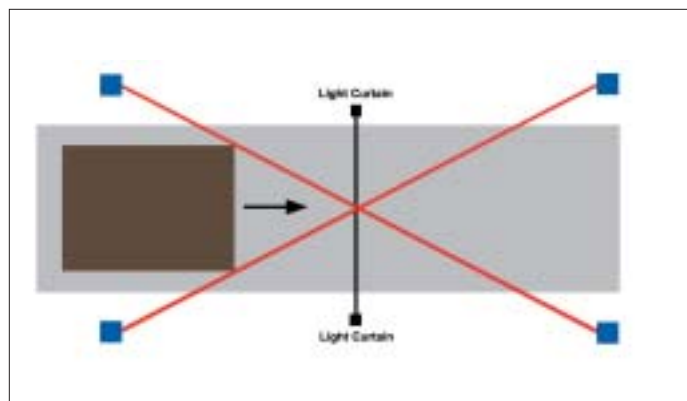
- DR-16-OF1-20-P2
- DR-28-OF1-20-P3
- DR-40-OF1-20-P4
- DR-52-OF1-20-P5
- DR-64-OF1-20-P6
- DR-76-OF1-20-P7
- DR-88-OF1-20-P8
- DR-100-OF1-20-P9
- DR-112-OF1-20-P10
- DR-124-OF1-20-P11



Four Muting Sensors. Muting does not occur because the person does not meet the profile characteristics of the conveyed material initiating a stop signal when the Body Detection MicroGuard sensing field is broken (muting sensors not included).



Four Muting Sensors. Muting occurs based off of the profile of the conveyed material (muting sensors not included).



Two Muting Sensors (muting sensors not included).