

**Non-contact fail-safe inductive sensors
for safety applications**

- Does not rely on a key, actuator, or coded magnet target
- Extremely tolerant of misalignment to prevent nuisance tripping
- Features (2) PNP safety rated outputs for use with a wide variety of safety relays, monitors, PLCs, etc.
- Utilizes "window technology" to achieve a Cat 4 safety rating



G1501S GM504S GI505S GG505S

**Multi-function safety relay
and dedicated safety sensors**

- Compatible with ifm clocked fail-safe sensors, mechanical safety switches, and safety devices with solid state outputs
- Three different size sensors to select from depending on space available and sensing range or "window" required
- Relay has 2 (NO) contacts rated to 6A plus auxiliary out

Up to 10 safety sensors can be wired in series when used with G1501S relay



**Safety light curtains
and laser area scanners**

- ECO 2 system in a tiny housing is available in a variety of sizes with beam spacing of 30, 50, or 80mm. This CAT 2 system is simple, cost effective, and it's modular design greatly reduces delivery delays.
- COMPACT*plus* system is loaded with features and flexibility.
 - * Integrated monitoring functions makes it possible to use the curtain without a separate safety relay. Wire e-stops and interlocks directly to the light curtain!
 - * Relay or solid-state outputs available directly from pylon.
 - * Wide variety of sizes available with beam spacing of 14, 30, or 50mm in a CAT 4 system.
 - * Functions for muting, blanking, and initiation available.
- ROBUST system is the perfect answer for perimeter guarding in rugged industrial environments. Available in two, three, or four beam systems and with passive or active mirrors for long range sensing.
- RS4-4 laser scanner provides complete area protection.
 - * Laser-assisted 2-dimensional scanning over 190° angle.
 - * Switch "on the fly" between up to four preprogrammed protection fields. Separate zones and outputs for e-stop and warning areas.
 - * Graphically specify protection fields via simple software.
 - * Coming soon, 3-Dimensional version!!
- Wide variety of accessories and options available for all the products shown above. Including explosion-proof housings, mounting hardware, AS-I and PROFI-safe networking, and safety engineering software.

Durable pressure sensitive safety floor mats

- Flexible conductive surfaces will not dent, kink, rust or short contacts when placed on an uneven surface
- Compatible with most existing mat controllers, safety relays, and other safety monitoring systems
- Custom sizes, shapes, colors, and cable exit locations
- Perimeter trim, joining trim, and relay controllers available
- Made in the USA,, economically priced, quick delivery



Safety interlock switches and pendant stations

- Hundreds of models in a variety of sizes and styles for all your hard guarding applications
- Available with or without integral guard locking mechanisms
- Non-Contact coded systems and limit switch versions also available
- Cable pull switches, foot switches, and enabling switches
- Joysticks, handwheels, electronic key-systems, and safety modules

E-stop push buttons and cable switches

- Plungers, push buttons, indicators, work stations
- Durable pulled or broken cable switches with or without flags, indicators, and bus communication



Stack lights, indicator lights, audible alarms

- Multiple sizes and styles to choose from
- LED signal lights, stack lights, and replacements for incandescent bulbs
- Models for hazardous and wet environments
- Audible alarms and "teachable" units that can playback voice instructions
- Super bright panel indicators, rotating LED dome lights, miniature buzzers

- Are you confused by the ever changing requirements for the proper application of safety sensing products? Are you tired of salesmen doing their best to "scare" you into purchasing features and functions that don't apply to your particular safety situation?
 - Then contact Automation Sensors, Inc. for an honest and informed discussion regarding your application. RELY ON US!