

## PHOTO ELECTRIC SAFETY SENSORS AND CONTROLS

For years Pepperl+Fuchs has been a trusted name for machine safety throughout World, offering reliable industrial machine guarding systems on presses, conveyer openings, palletizing equipment, paint booths, robotic work cells, and many other machine applications. From the automotive factory floor and custom machine OEMs, to material handling, printing and packaging industries, we're helping you to design safety into your plant.

### PHOTOELECTRIC SAFETY SENSORS AND CONTROLS

#### AT A GLANCE

- From the single-beam safety photoelectric sensor to the multi-beam safety light grids
- Safety control interface units also available as modular system, easy to adapt to the application at hand
- Finger protection, hand protection and body protection
- Safety category 2 or 4 in accordance with IEC 61496-1 with automatic monitoring
- Diagnostic displays for easy troubleshooting
- With start and restart interlock capability
- OSSD safety outputs
- Various muting functions
- Easy integration into machine controls



**SafeBox**

#### NEW! SLCS/SLCT Light Curtains

High resolution, ultra-slim profile safety light curtains are the ideal solution for the most challenging machine safety applications. Higher resolution (smaller beam spacing) reduces the safety mounting distance with respect to the point-of-operation hazard, while the extremely small footprint (only 20 mm wide by 30 mm deep!) offers unsurpassed mounting flexibility.

The SLCS (Type 4) and SLCT (Type 2) series safety light curtains feature completely integrated control electronics and solid-state OSSDs – no separate control module is needed, simplifying wiring and setup! With a maximum range of 8 m (26 feet), SLCS and SLCT safety light curtains are available with beam spacings of 14, 30, 60, and 90 mm.