COLLISION ALERTS FOR FORKLIFT APPLICATIONS

SICK’s backup sensing system was specifically designed as a collision alert solution for the manned forklift industry. Using our compact but advanced laser measurement scanner, this stand-alone backup sensing system actively monitors the obstructed-view area behind the forklift and gives real-time feedback to the driver via an audible warning(s) only when the truck is too close to any stationary or moving object. This intelligent system can be optionally integrated with visual alerts or with the braking mechanism of the truck.

www.sickusa.com
System Features & Benefits
- Stand-alone, aftermarket solution that actively alerts the operator of unseen obstructions in the obstructed-view area behind the forklift, which contributes to a reduction in accidents
- Simple, independent solution that requires no reflective vests, reflectors, badges, etc. for detection of stationary or moving obstacles, e.g., personnel, product, walls
- Single part number enables easy ordering and inventory tracking
- Low power consumption of 3 W minimizes drain on vehicle battery
- Wide operating temperature range from -10° C to +50° C for cold-storage and other environments
- Lack of lift truck control system override means advanced operators can still use the full capability of the lift truck

Contents (Part #1067790)
- Class 1 laser measurement scanner with 6 ft detection range (on dark objects) and up to 270° field-of-view
- Mounting bracket for simple mounting and adjustment of the laser measurement scanner
- Power and I/O cable, 15 ft, M12 to flying leads
- Buzzer with one or two audible tones
- Safety relays for interconnecting the scanner and buzzer tone(s)

Sensor Intelligence Features & Benefits
- Up to three customizable warning areas allow for a tailored fit instead of a one-size-fits-all solution
- High Definition Distance Measurement (HDDM) ensures reliable object detection
- Built-in, advanced 15,000 lux immunity and customizable warning areas reduce nuisance trips from ambient light, reflective vests, sunlight, etc.
- Integrated evaluation gives a simple output when objects appear in warning area(s)