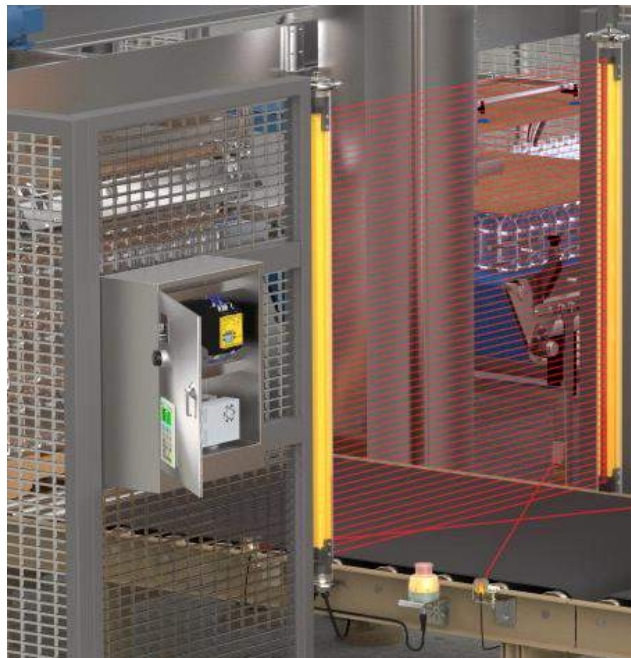


Application Note – IP69K Safety Light Curtain Enclosure

Safeguarding Exit on Vertical Palletizer

Application

- Layers of beverage cases are lowered by elevator and stacked until a complete pallet is created
- Upon completion a pallet will exit on the main conveyor
- Prevent operators from exposure to the crushing hazard



Challenges

- The elevator area on a vertical palletizer presents a crushing hazard to operators
- Carbonated beverages will explode occasionally from mechanical impact and spray all over the equipment
- The equipment is washed with hot water to remove residue

Solution

- Type 4/Cat 4/PL e/SIL3 light curtains provide highest level of protection from crushing hazards inside the machine
- IP69K protection from high temperature wash down ensures long life in harsh environments.
- Hydrophobic vent allows internal pressure to meet external pressure to prevent condensation in the enclosure


Product Information

Washdown EZ-Screen LS

Features

- IP69K
- 12m range
- Hygienic design
- Hydrophobic vent for condensation prevention
- Chemically resistant

Part Numbers

	Model	Description	System Type	Range	Resolution	Defined Area	Remote Fixed Blanking	Connection	
	EZLSA-HTE-R23-280	EZ-SCREEN LS in Hygienic Tubular Enclosure	Receiver	12 m	23 mm	280 mm		12-pin LS Custom Connector to Flying Leads	
	EZLSA-HTE-E23-280		Emitter						
	EZLSA-HTE-R23-490		Receiver			490 mm			
	EZLSA-HTE-E23-490		Emitter						
	EZLSA-HTE-R23-630		Receiver			630 mm			
	EZLSA-HTE-E23-630		Emitter						
	EZLSA-HTE-R23-770-F		Receiver			770 mm			Yes
	EZLSA-HTE-E23-770		Emitter						
	EZLSA-HTE-R23-910		Receiver			910 mm			
	EZLSA-HTE-E23-910		Emitter						
	EZLSA-HTE-R23-1050-F		Receiver			1050 mm			Yes
	EZLSA-HTE-E23 1050 E		Emitter						

Accessories



EZLSA-MBK-HTE-1

- Stamped stainless steel
- FDA-compliant gasket
- Economical design



EZLSA-MBK-HTE-2

- Cast, hygienic stainless steel
- Rounded edges for cleanliness
- FDA-compliant gasket

Kits must order separately • Kits include 2 brackets and hardwares