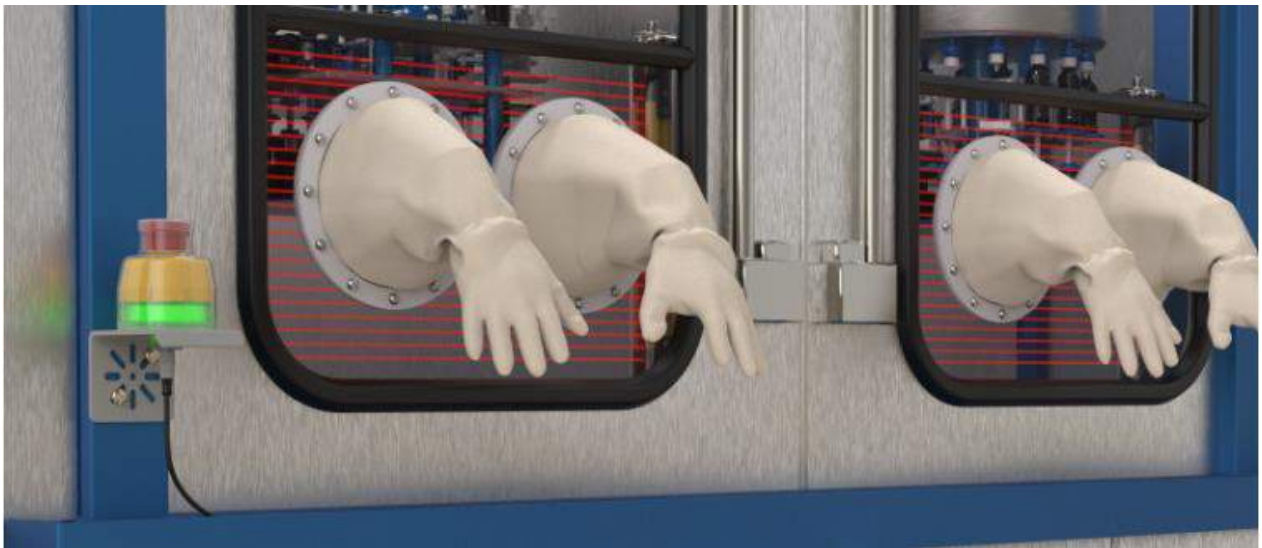


# Application Note – IP69K Safety Light Curtain Enclosure

## Safeguarding Filling Lines Inside an Isolator System

### Application

- Safety light curtains are protecting hands from the filling equipment
- Each glove box entry point must be protected
- The light curtain will be mounted inside an aseptic and sterile environment



### Challenges

- Large aseptic filling and packaging systems have multiple entry points to safe guard
- The area is routinely exposed to CIP/SIP cleaning procedures to remove all contamination
- The enclosures are routinely exposed to harsh cleaning chemicals

### Solution

- 23mm beam resolution for worry free hand protection from the filling line
- 12m range to scan across multiple glove boxes
- Hygienic design allows the enclosure to be easily cleaned and not harbor contaminants
- Chemically resistant stainless steel end caps and FDA-grade polycarbonate tubing


# 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