**COMPONENT PHOTO EYE INDUCT**

**1. Description  
Detects packages entering the system at induct point.**

**2. Functions**

* **Triggers tracking and spacing logic**

**3. I/O and Signals**

|  |  |  |  |
| --- | --- | --- | --- |
| **Signal Name** | **Type** | **Description** | **Panel** |
| **PE\_INDUCT\_DETECT** | **DI** | **Detect package induction** | **PANEL\_CONTROL\_RIO** |

**4. Interlocks & Safety**

* **N/A**

**5. Dependencies**

* **Starts tracking for package route decisions**

**6. Alarms**

* **None typically configured**

**7. HMI / Operator Interaction**

* **Real-time signal status**