**COMPONENT PHOTO EYE JAM**

**1. Description  
Detects product jams along conveyor.**

**2. Functions**

* **Signals jam conditions for interlocks or alarms**

**3. I/O and Signals**

|  |  |  |  |
| --- | --- | --- | --- |
| **Signal Name** | **Type** | **Description** | **Panel** |
| **PE\_JAM\_DETECT** | **DI** | **Jam detected** | **PANEL\_CONTROL\_RIO** |

**4. Interlocks & Safety**

* **Stops upstream conveyor when jam is active**

**5. Dependencies**

* **Associated with unit transport zones**

**6. Alarms**

|  |  |  |
| --- | --- | --- |
| **Alarm ID** | **Condition** | **Message** |
| **A\_JAM\_01** | **Jam detected** | **"Jam Detected"** |

**7. HMI / Operator Interaction**

* **Jam location indication**
* **Reset jam alarm**