

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