

1 2 3 4 5 6 7 8 9 10 11 12 13

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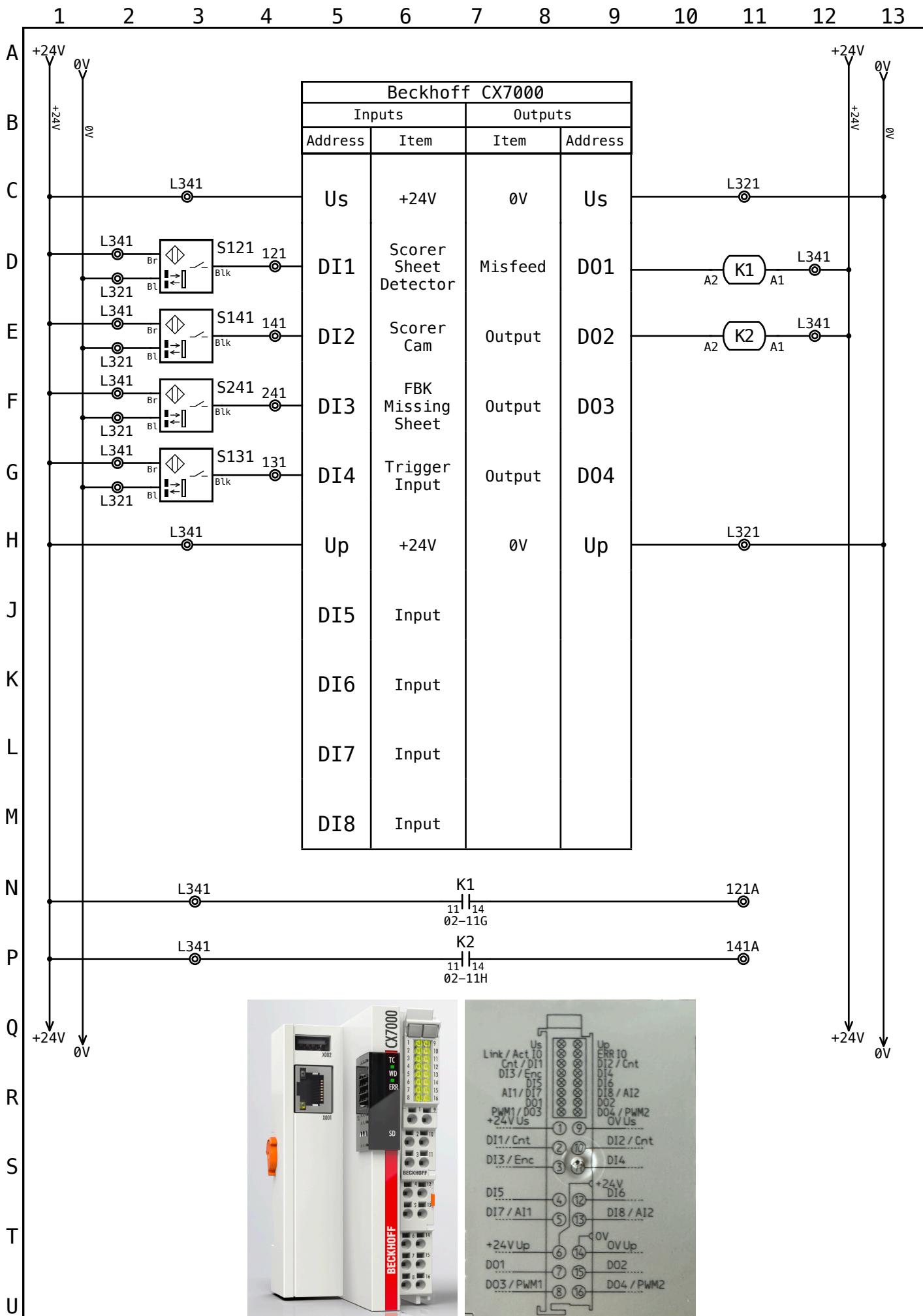
U

Wohlenberg Binder Cover Scoring Section Misfeed Protection Add-on Electrical Drawings



<https://github.com/Electronic-Innovations/scorer-misfeed-protection>

| | | | | | |
|--|-----------------------------------|--------------|---|--------------------|------------|
|  ELECTRONIC INNOVATIONS Pty. Ltd. www.electronicinnovations.com.au | Created By Daniel Pink | Title | Project Scoring Misfeed Protection | | |
| | Company Electronic Innovations | | Title Page | Date 2024-07-22 | Rev 001 |



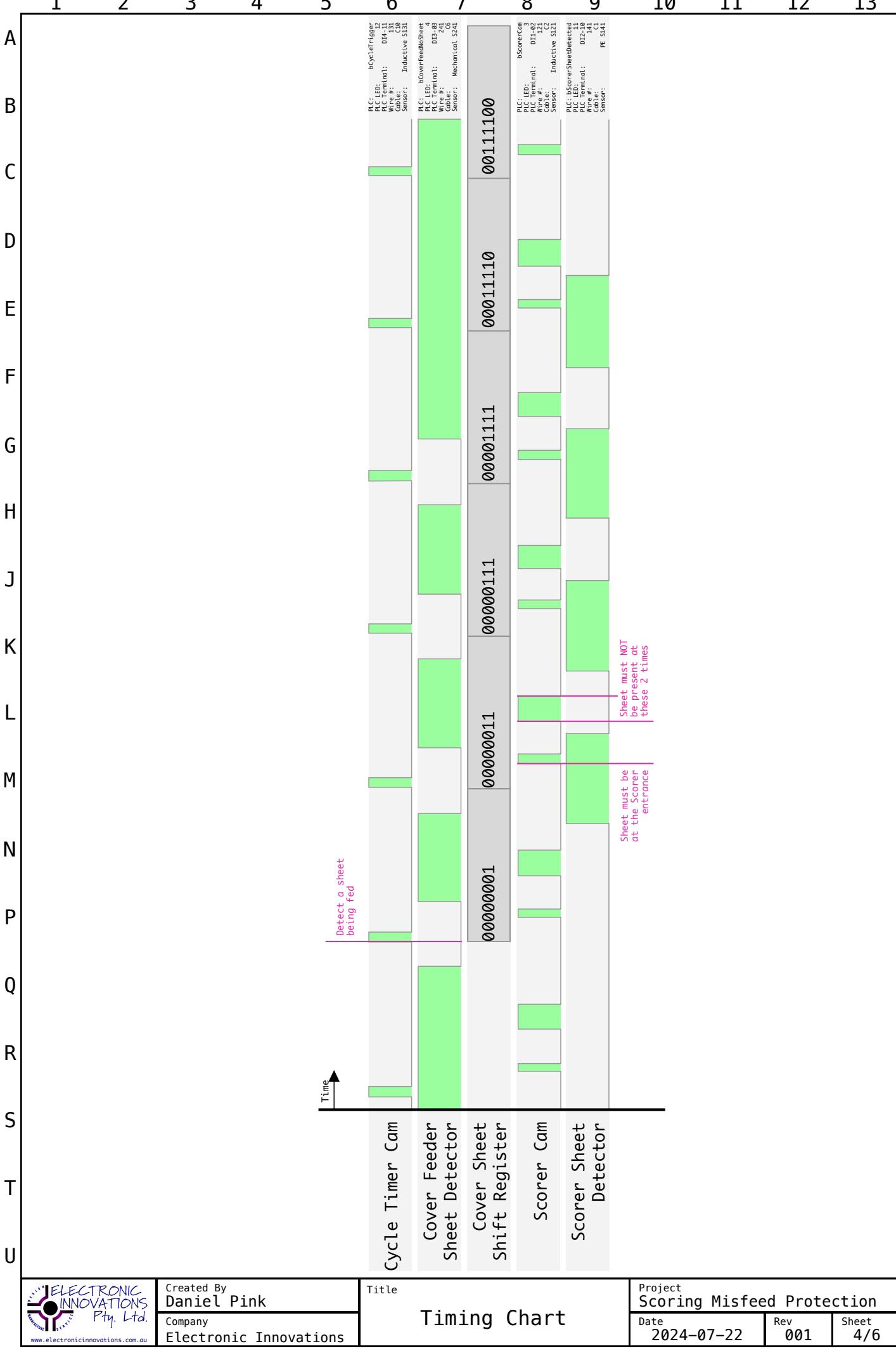
A

New Terminals

B

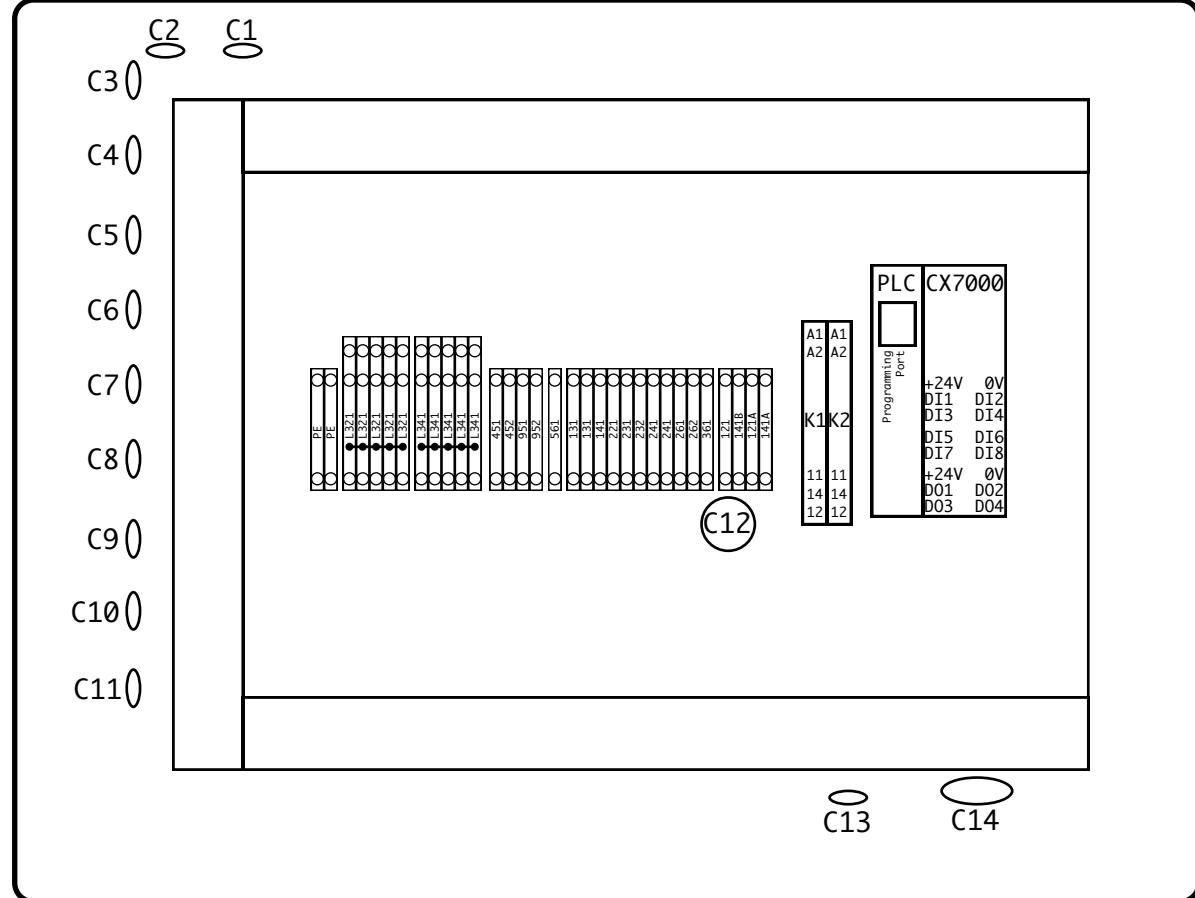
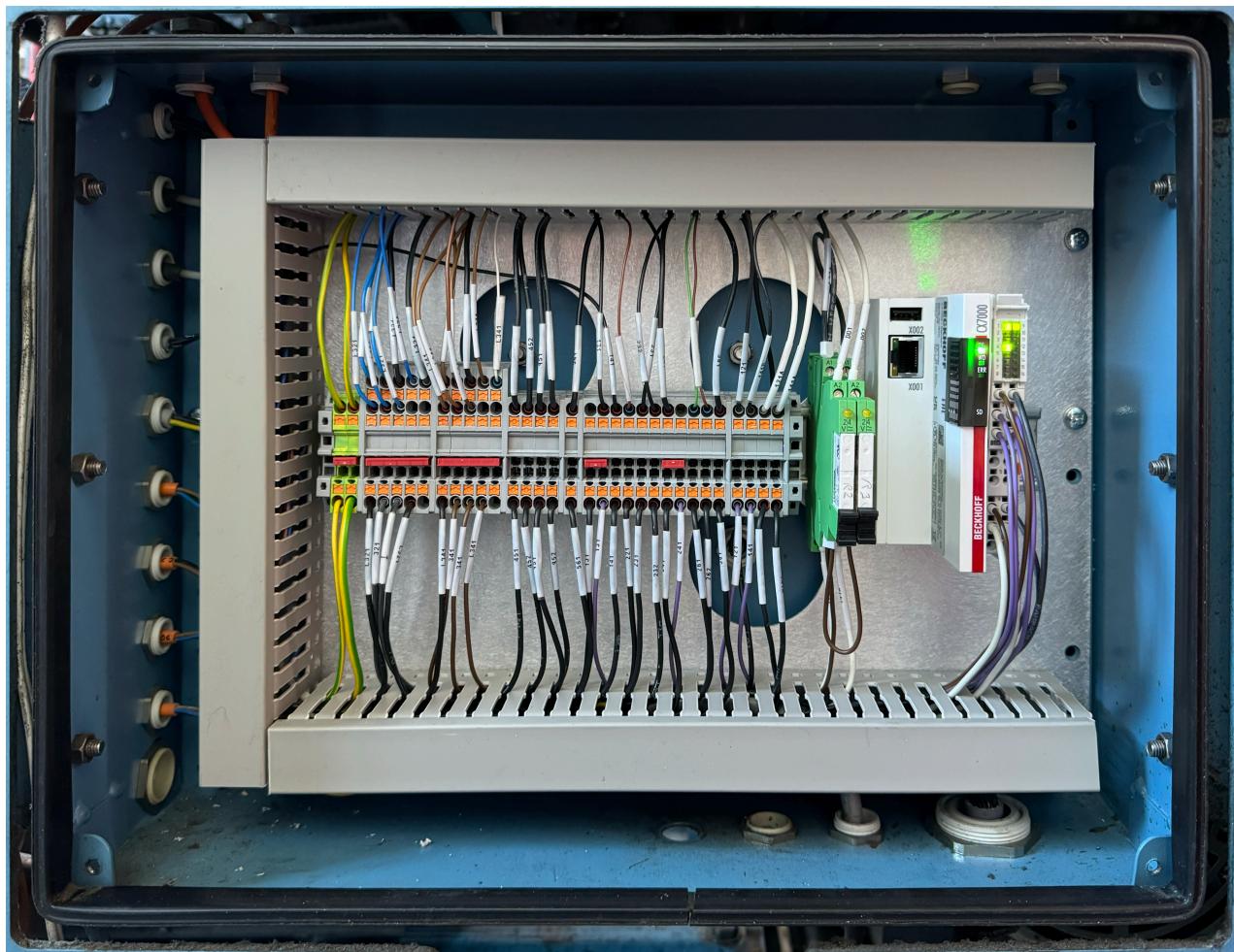
| | Cable | Function | Top | Top | Middle | |
|-------------|-----------|-------------------------------|----------|-------------|--------------|-----------|
| | PE | Earth | C13 - PE | C7 - PE | Earth | |
| | | | | PE - Frame | | |
| L321 | | | C14 - | Black C7-1 | | Blue |
| L321 | | | PLC | Blue | | Blue |
| L321 | | PS 0V | PLC | Blue | 0V | Blue |
| L321 | | | | Blue | | 0V |
| L321 | | | | Black C12-2 | | |
| L341 | | | C14 - | Brown | | Brown |
| L341 | | | PLC | Brown | | Brown |
| L341 | | PS +24V | PLC | White | +24V Link | Brown |
| L341 | | | | Black | | +24V Link |
| L341 | | | | | | |
| 451 | 3 | | C14 - 13 | C3-3 | | |
| 452 | 4 | | C14 - 14 | C3-4 | | |
| 951 | 1 | | C14 - 15 | C3-1 | | |
| 952 | 2 | | C14 - 16 | C3-2 | | |
| 561 | 1 | | C14 - 12 | C12-1 | | |
| 131 | 10 | Auslösung Takt | C14 - 5 | Black C10 | | |
| | | Cycle Trigger | PLC DI4 | | | |
| 141 | 11 | Valve On B141 | C14 - 6 | Black C11 | | |
| 221 | 4 | DBK Double Sheet | C14 - 7 | Brown C4 | | |
| 231 | 9 | FBK Missing Sheet | C14 - 8 | Black C9 | | |
| 232 | 8 | BGK | C14 - 9 | Black C8 | | |
| 241 | 6 | FBK Missing Sheet | C14 - 10 | Black C6-2 | | |
| | | | PLC DI3 | | | |
| 261 | 5 | | C14 - 3 | Green C5 | | |
| 262 | 5 | Magazine Empty | C14 - 4 | Brown C5 | | |
| 361 | 7 | Valve On (Output) Y361 | C14 - 11 | Black C7-2 | | |
| 121 | 2 | CAM A | PLC DI1 | C2 - Black | | |
| 141B | 1 | Scorer PE | PLC DI2 | C1 - Black | | |
| 121A | | | C13 - 1 | R1-14 | | |
| 141A | | | C13 - 3 | R2-14 | | |

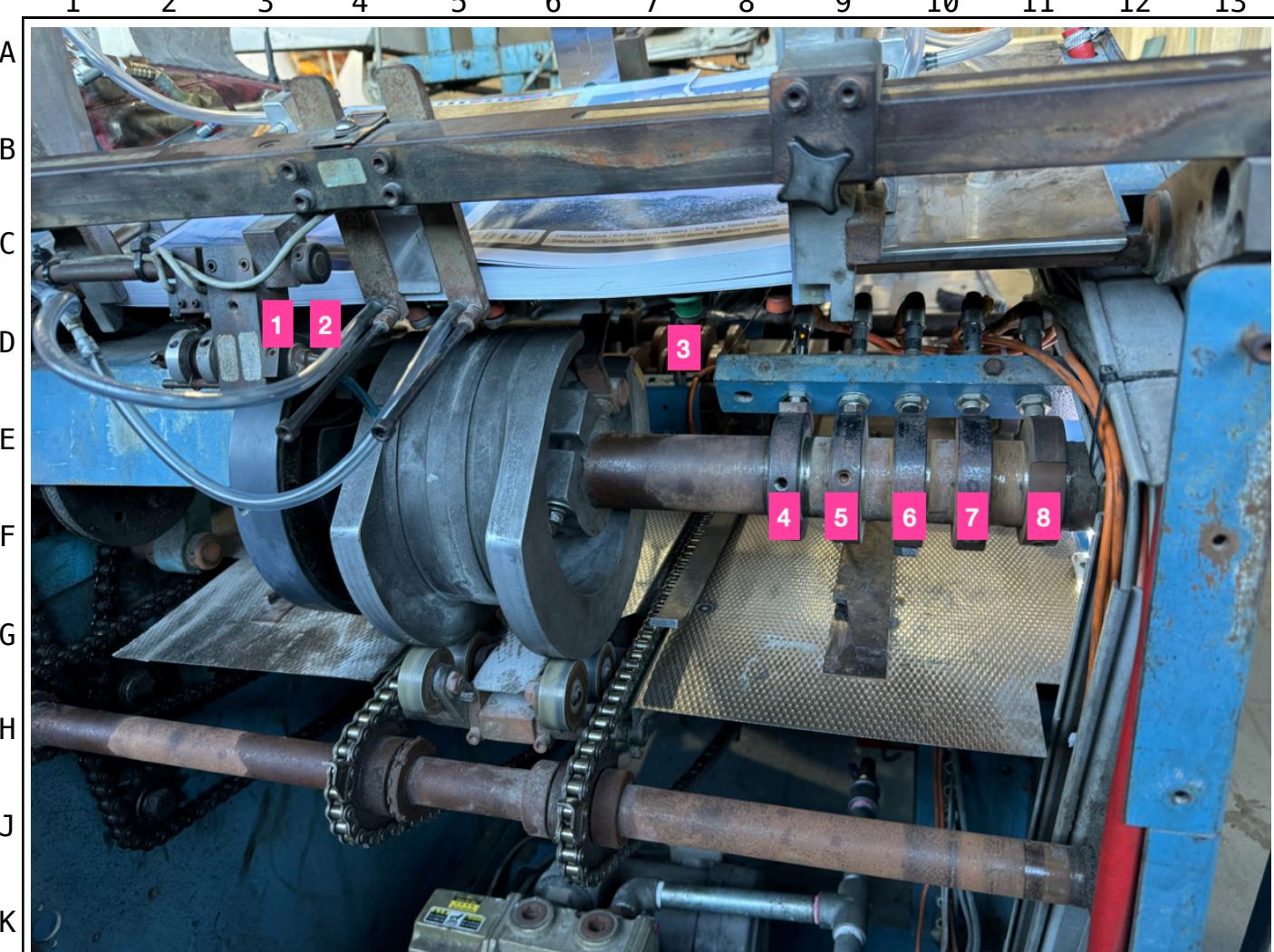
U



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| | Name | Input | Description | Drawings | PLC Number | Device number |
|---|------------------------------------|-------|---|----------------------|------------|---------------|
| 1 | Double Sheet Detector | 1.3 | Light is ON when switch is OFF, and there isn't a double sheet. | Cover feed page 2 1E | E01.03 | S221 |
| 2 | FBK Missing sheet control | 1.6 | Light is on if there is no sheet present | Cover feed page 2 4E | E01.06 | S241 |
| 3 | Scorer Missing sheet detector | 3.7 | Light on if sheet present | | E03.07 | |
| 4 | Scorer Timing Cam | 2.7 | Sheet present for bolt. Sheet clear for start and end of bar | | E02.07 | |
| 5 | FBGK Missing sheet counter control | 1.5 | Light on when cam on | Cover feed page 2 3E | E01.05 | B241 |
| 6 | FBK Missing sheet control | 1.4 | Light on when cam on | Cover feed page 2 3E | E01.04 | B231 |
| 7 | Triggering Clock (Cover Release) | 1.0 | Light on when cam on | Cover feed page 1 3E | E01.00 | B131 |
| 8 | Valve On (Valve Off) | 1.1 | Light on when cam on | Cover feed page 1 4E | E01.01 | B141 |

| | | | | |
|--|----------------------------------|--|-----|-------|
|  Created By Daniel Pink Company Electronic Innovations | Title Sensor Locations | Project Scoring Misfeed Protection | | |
| | | Date | Rev | Sheet |
| | | 2024-07-22 | 001 | 6/6 |