

## FLDK 110G1006/S14

Copy counters - packaging

Article number: 11040147

### Overview

- 0 ... 120 mm
- pulsed red laser diode
- push-pull
- 50 °C
- IP 54



### Technical data

#### General data

|                            |                                     |
|----------------------------|-------------------------------------|
| Measuring distance Sd      | 0 ... 120 mm                        |
| Optimum operating distance | 100 mm                              |
| Counting rate              | < 600000 Copies/h                   |
| Object speed               | < 5 m/sec                           |
| Sensitivity                | Single sheet/edge thickness 0,25 mm |
| Sync. input                | No                                  |
| Measuring point            | Visible red laser line 3 mm         |
| Light source               | Pulsed red laser diode              |
| Wave length                | 670 nm                              |
| Laser class                | 2                                   |
| Edge indicator             | LED yellow                          |
| Power on indication        | LED green                           |
| False pulse suppression    | On/off switchable                   |

#### Electrical data

|                          |               |
|--------------------------|---------------|
| Voltage supply range +Vs | 10 ... 30 VDC |
|--------------------------|---------------|

#### Electrical data

|                                    |                      |
|------------------------------------|----------------------|
| Current consumption max. (no load) | 180 mA               |
| Output circuit                     | Push-pull            |
| Output pulse length                | 5 / 10 ms selectable |
| Short circuit protection           | Yes                  |
| Reverse polarity protection        | Yes                  |

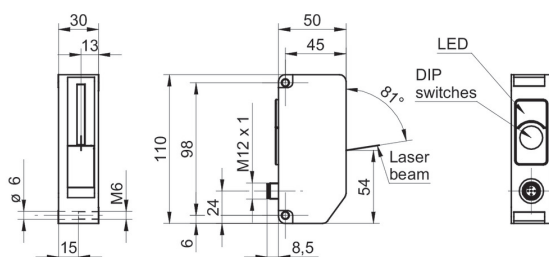
#### Mechanical data

|                                 |                |
|---------------------------------|----------------|
| Width / diameter                | 30 mm          |
| Type                            | Rectangular    |
| Housing material                | PA 6           |
| Connector base (main connector) | M12 x 1, 5 pin |
| Front (optics)                  | Glass          |

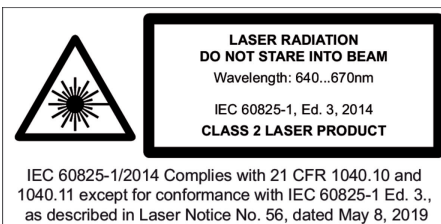
#### Ambient conditions

|                       |              |
|-----------------------|--------------|
| Operating temperature | 0 ... +50 °C |
| Protection class      | IP 54        |

### Dimension drawing



### Laser warning



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## Connection diagram

