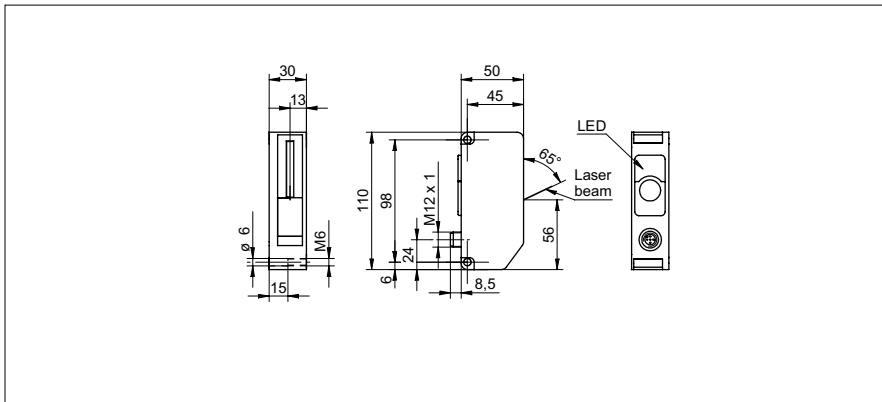


Copy counters

FLDK 110G1010/S14

dimension drawing



general data

|                            |                                    |
|----------------------------|------------------------------------|
| measuring distance Sd      | 0 ... 55 mm                        |
| optimum operating distance | 40 mm                              |
| counting rate              | < 280'000,00 copies/h              |
| object speed               | < 2 m/sec                          |
| object cycle distance      | > 13 mm                            |
| sensitivity                | single sheet/edge thickness 1,5 mm |
| sync. input                | no                                 |
| measuring point            | visible red point                  |
| light source               | pulsed red laser diode             |
| wave length                | 670 nm                             |
| laser class                | 2                                  |
| edge indicator             | LED yellow                         |
| power on indication        | LED green                          |
| sensitivity adjustment     | no                                 |

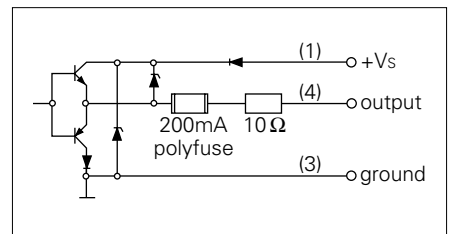
photo



electrical data

|                                    |               |
|------------------------------------|---------------|
| voltage supply range +Vs           | 10 ... 30 VDC |
| current consumption max. (no load) | 180 mA        |
| output circuit                     | push-pull     |
| output pulse length                | 10 ms         |
| short circuit protection           | yes           |
| reverse polarity protection        | yes           |

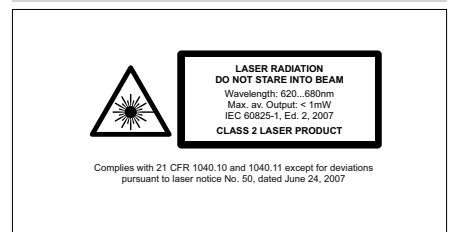
connection diagram



mechanical data

|                                 |                |
|---------------------------------|----------------|
| width / diameter                | 30 mm          |
| type                            | rectangular    |
| housing material                | PA 6           |
| connector base (main connector) | M12 x 1, 4 pin |
| front (optics)                  | glass          |

laser warning



ambient conditions

|                       |              |
|-----------------------|--------------|
| operating temperature | 0 ... +50 °C |
| protection class      | IP 54        |

