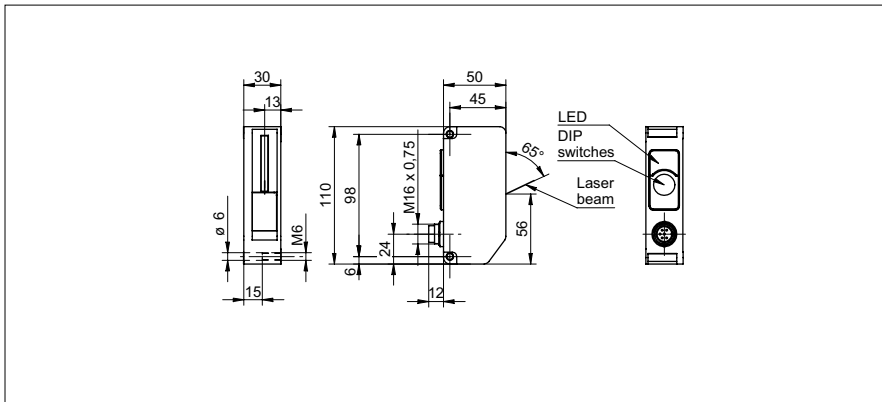


Copy counters

FLDK 110C1003/S42

dimension drawing



general data

| | |
|----------------------------|------------------------------------|
| measuring distance Sd | 0 ... 60 mm |
| optimum operating distance | 40 mm |
| counting rate | < 600000 copies/h |
| object speed | 5 m/sec |
| object cycle distance | > 1 mm |
| sensitivity | single sheet/edge thickness 0,2 mm |
| sync. input | no |
| measuring point | visible red laser line 2 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 |
| sensitivity adjustment | high/low switchable |

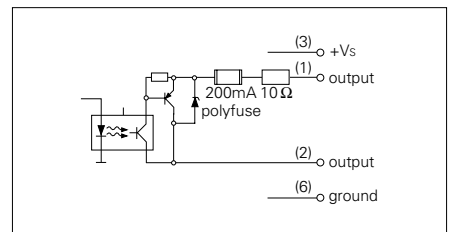
photo



electrical data

| | |
|------------------------------------|--------------------------------|
| voltage supply range +Vs | 10 ... 30 VDC |
| current consumption max. (no load) | 180 mA |
| output circuit | opto isolated |
| output pulse length | 5 / 10 / 15 / 20 ms selectable |
| short circuit protection | yes |
| reverse polarity protection | yes |

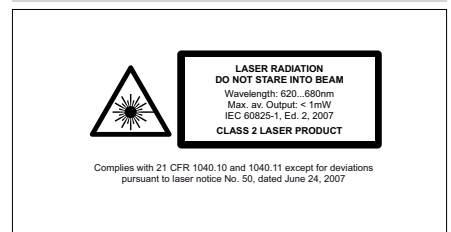
connection diagram



mechanical data

| | |
|---------------------------------|------------------|
| width / diameter | 30 mm |
| type | rectangular |
| housing material | PA 6 |
| connector base (main connector) | DIN 45322, 6 pin |
| front (optics) | glass |

laser warning



ambient conditions

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

