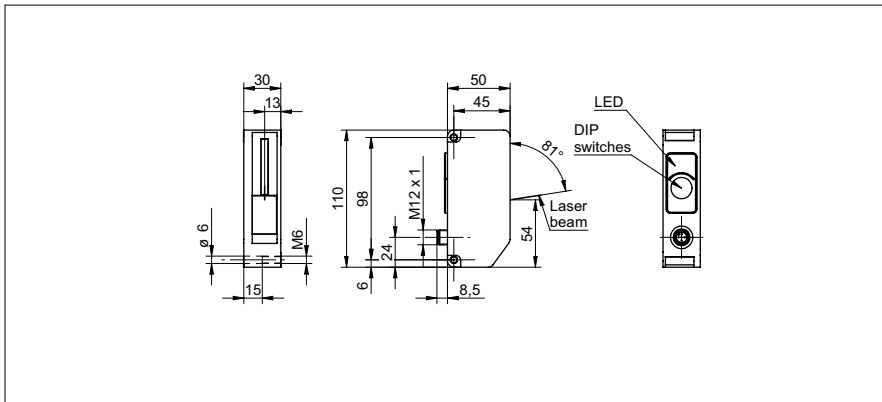


Copy counters

FLDK 110G1006/S14

dimension drawing



general data

measuring distance Sd	0 ... 120 mm
optimum operating distance	100 mm
counting rate	< 600'000,00 copies/h
object speed	< 5 m/sec
object cycle distance	> 5 mm
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
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, 4 pin
front (optics)	glass

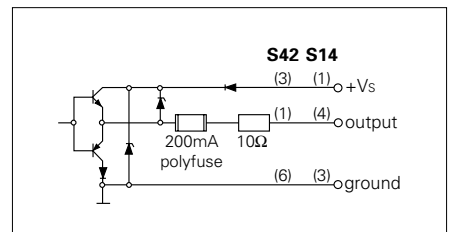
ambient conditions

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

photo



connection diagram



laser warning

**LASER RADIATION**  
DO NOT STARE INTO BEAM  
Wavelength: 620...680nm  
Max. av. Output: < 1mW  
IEC 60825-1, Ed. 2, 2007  
**CLASS 2 LASER PRODUCT**

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to laser notice No. 50, dated June 24, 2007