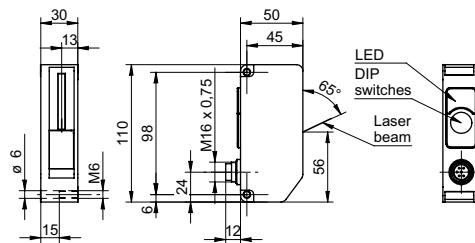


Copy counters

FLDK 110 (Laser, sensitivity 0,2 mm)

sample drawing



FLDK 110x1003/S42

general data

counting rate	< 600'000 copies/h
object speed	< 5 m/sec
sync. input	no
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.	180 mA
output pulse length	5 / 10 / 15 / 20 ms selectable
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
housing material	PA 6
front (optics)	glass

ambient conditions

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

sample picture



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

order reference	measuring distance Sd	sensitivity	output circuit	optimum operating distance	measuring point	object cycle distance
FLDK 110C1003/S42	0 ... 60 mm	single sheet/edge thickness 0,2 mm	opto isolated	40 mm	visible red laser line 2 mm	> 1 mm
FLDK 110G1003/S14	0 ... 60 mm	single sheet/edge thickness 0,2 mm	push-pull	40 mm	visible red laser line 2 mm	> 1 mm
FLDK 110G1003/S42	0 ... 60 mm	single sheet/edge thickness 0,2 mm	push-pull	40 mm	visible red laser line 2 mm	> 1 mm
FLDK 110G1005/S14	0 ... 120 mm	single sheet/edge thickness 0,25 mm	push-pull	100 mm	visible red laser line 3 mm	> 5 mm