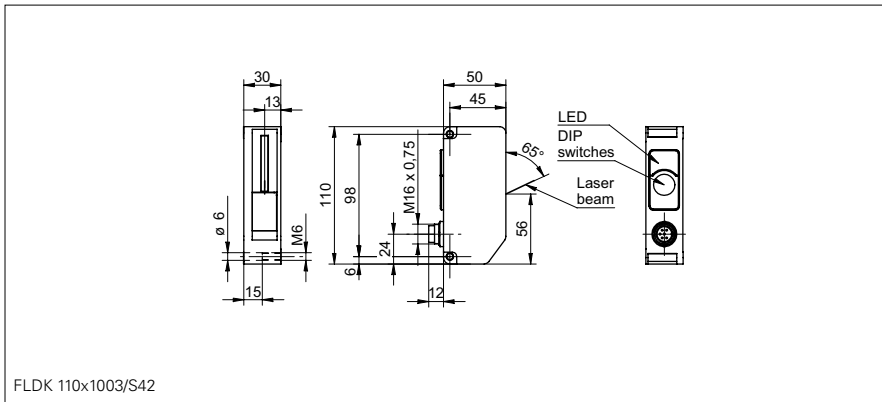


Copy counters

FLDK 110 (Laser, Scatec-2)

sample drawing



general data

counting rate	< 600000 copies/h
object speed	< 5 m/sec
object cycle distance	> 1 mm
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. (no load)	180 mA
output pulse length	5 / 10 / 15 / 20 ms selectable
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	30 mm
type	rectangular
housing material	PA 6
front (optics)	glass

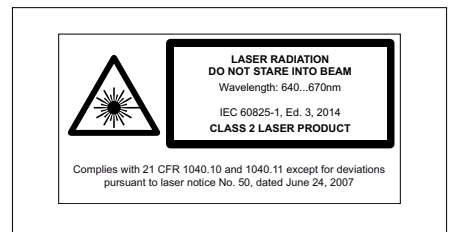
ambient conditions

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

sample picture



laser warning



Copy counters
FLDK 110 (Laser, Scatec-2)

order reference	measuring distance Sd	sensitivity	output circuit	optimum operating distance	connector base (main connector)	measuring point	sensitivity adjustment
FLDK 110C1003/S42	0 ... 60 mm	single sheet/edge thickness 0,2 mm	opto isolated	40 mm	DIN 45322, 6 pin	visible red laser line 2 mm	high/low switchable
FLDK 110C1005/S42	0 ... 120 mm	single sheet/edge thickness 0,25 mm	opto isolated	100 mm	DIN 45322, 6 pin	visible red laser line 3 mm	high/low switchable
FLDK 110G1003/S14	0 ... 60 mm	single sheet/edge thickness 0,2 mm	push-pull	40 mm	M12 x 1, 5 pin	visible red laser line 2 mm	high/low switchable
FLDK 110G1003/S42	0 ... 60 mm	single sheet/edge thickness 0,2 mm	push-pull	40 mm	DIN 45322, 6 pin	visible red laser line 2 mm	high/low switchable
FLDK 110G1005/S14	0 ... 120 mm	single sheet/edge thickness 0,25 mm	push-pull	100 mm	M12 x 1, 5 pin	visible red laser line 3 mm	-