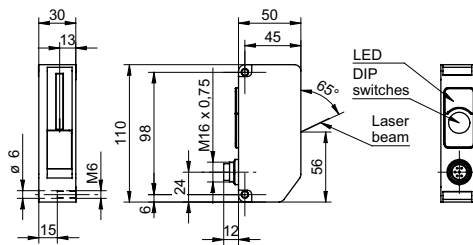


Copy counters

FLDK 110G1003/S42

dimension drawing



general data

measuring distance Sd	0 ... 60 mm
optimum operating distance	40 mm
counting rate	< 600'000,00 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

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 / 15 / 20 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)	DIN 45322, 6 pin
front (optics)	glass

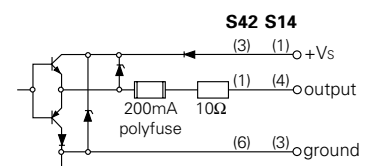
ambient conditions

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