
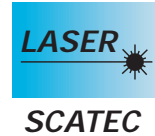


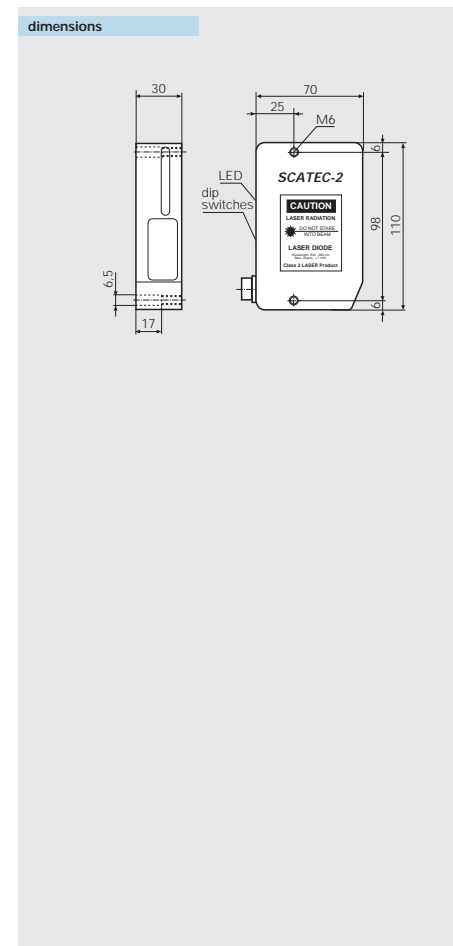
# Laser copy counter

SCATEC-2	
0 - 43 mm	
	

- Laser based edge detection
- Color independent
- Detects paper thickness down to 0,2 mm
- High counting rates
- Multiple pulse suppression



Push-pull	Part number	FLDK 110G1002/S42
Opto isolated open collector	Part number	FLDK 110C1002/S42
<b>technical data</b>		
measuring range		0..43 mm
enlarged measuring range		0..60 mm (with reduced sensitivity)
sensitivity		single sheet/edge thickness 0,2 mm *
power indicator		green LED
edge indicator		red LED
light source / wave length		red light laser diode / 675 nm
measuring point		visible red point
counting rate		max. 0,6 million copies/h
object speed (edge $\geq$ 0,3 mm)		0...2 m/sec (5 m/sec **)
distance between objects		min. 1 mm (single sheet edge)
synchronization input		no
voltage supply range		18 - 30 V
supply current average value / peak value		120 mA / 140 mA
output pulse length		5 / 10 / 15 / 20 ms selectable
short circuit protection		yes
reverse polarity protection		yes
temperature range		+10...+40 °C
housing material		PBTP
connector base		DIN 45322
connector		Nr. 104236 included
protection class		IP 54
laser class		2
		* mounting 40 mm above conveyer ** for thick copies
<b>Functions</b>		
sensitivity		reducible in 2 steps
multiple pulse suppression		by micro controller (1 standard program on / off switchable)
synchronization of multiple pulse suppression to conveyer belt speed		automatic by micro controller
product orientation (with magazines)		normally only folded edge leading, but cut edge leading under certain conditions



**Counting rate**  
0,6 million/h

**Measuring range**  
43 mm

**Color independent**