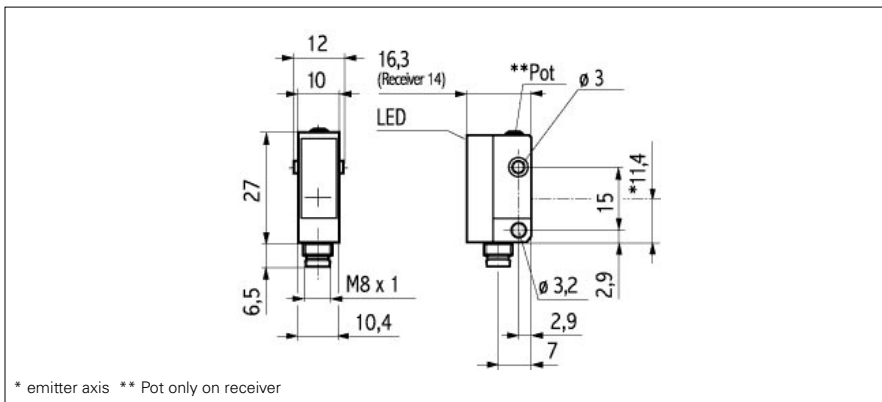


Through beam sensors

OEDK 10 (Laser)

sample drawing



general data

type	through beam laser sensor
emitter / receiver	receiver
actual range Sb	8 m
nominal range Sn	10 m
soiled lens indicator / alignment aid	flashing light indicator
light indicator	LED yellow
sensitivity adjustment	Pot, 270°

sample picture



electrical data

response time / release time	< 0,2 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	16 mA
current consumption typ.	15 mA
voltage drop Vd	< 1,8 VDC
output function	light / dark operate
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	10,4 mm
height / length	27 mm
depth	14 mm
type	rectangular
housing material	plastic (ASA)

ambient conditions

operating temperature	-25 ... +65 °C
-----------------------	----------------

types available	connection types	output circuit	protection class
OEDK 10N5101	cable	NPN	IP 65
OEDK 10N5101/S35A	connector	NPN	IP 67
OEDK 10P5101	cable	PNP	IP 65
OEDK 10P5101/S35A	connector	PNP	IP 67