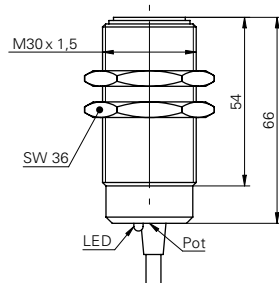


FZAM 30N5004**dimension drawing****general data**

actual range S_b	1400 mm
sensing distance T_w	230 mm
light source	pulsed infrared diode
light indicator	LED yellow
alignment / soiled lens indicator	LED, flashing
adjustment	potentiometer, 20 turn
wave length	880 nm

electrical data

response time / release time	< 2,5 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	50 mA
current consumption typ.	33 mA
voltage drop V_d	< 2,5 VDC
output function	light / dark operate
output circuit	NPN
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	30 mm
height / length	66 mm
type	cylindrical
housing material	brass nickel plated
connection types	cable 4 pin, 2 m

ambient conditions

operating temperature	0 ... +65 °C
protection class	IP 65

photo**connection diagram**