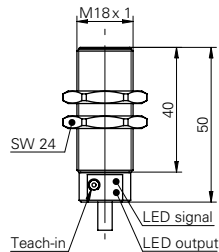


## Fiber optic sensors &amp; cables

## FZAM 18N6460

## dimension drawing



## general data

actual range $S_b$	800 mm
sensing distance $T_w$	150 mm
light source	pulsed infrared diode
light indicator	LED green
alignment / soiled lens indicator	LED green, flashing
output indicator	LED yellow
adjustment	Teach-in
wave length	880 nm
suppression of reciprocal influence	yes

## electrical data

response time / release time	< 1 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	55 mA
current consumption typ.	40 mA
voltage drop $V_d$	< 1,8 VDC
output function	light / dark operate switchable
output circuit	NPN
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

## mechanical data

width / diameter	18 mm
height / length	50 mm
type	cylindrical threaded
housing material	brass nickel plated / PC
connection types	cable 4 pin, 2 m

## ambient conditions

operating temperature	-25 ... +55 °C
protection class	IP 67

## photo



## connection diagram

