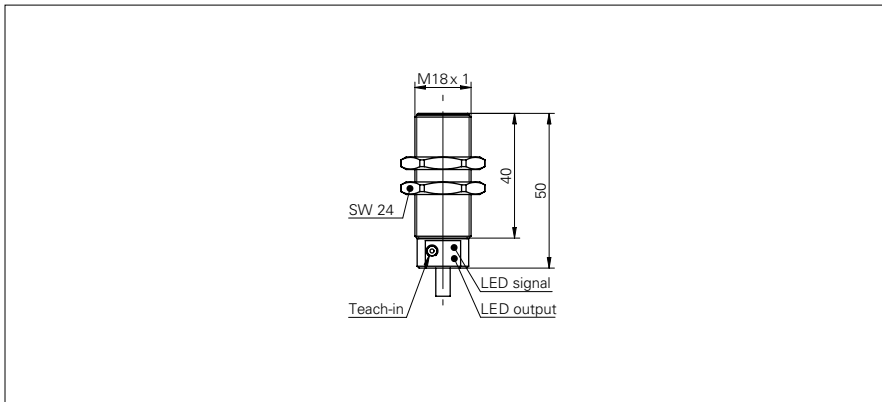


**Fiber optic sensors & cables**

**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**

