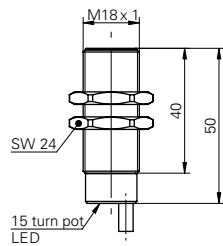


Diffuse sensors with intensity difference

FZAM 18P1155

dimension drawing



general data

type	intensity difference
light source	pulsed infrared diode
sensing distance T_w	20 ... 150 mm
sensing distance T_w (with doubling lense)	30 ... 280 mm
alignment / soiled lens indicator	flashing light indicator
light indicator	LED yellow
sensitivity adjustment	potentiometer, 15 turn
wave length	880 nm
suppression of reciprocal influence	yes

electrical data

response time / release time	< 0,5 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	45 mA
current consumption typ.	30 mA
voltage drop V_d	< 1,8 VDC
output function	light operate
output circuit	PNP
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
front (optics)	PC
connection types	cable 3 pin, 2 m

ambient conditions

operating temperature	-25 ... +55 °C
protection class	IP 65

photo



connection diagram

