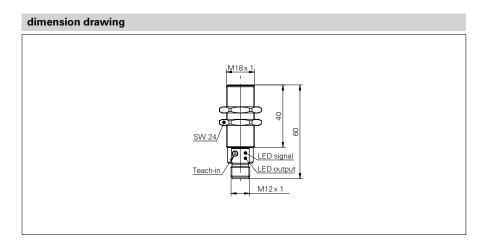
Diffuse sensors with intensity difference

FZAM 18P6460/S14



general data	
type	intensity difference
light source	pulsed infrared diode
sensing distance Tw	60 430 mm
sensing distance Tw (with doubling lense)	80 800 mm
alignment / soiled lens indicator	flashing light indicator
light indicator	LED green
output indicator	LED yellow
sensitivity 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 Vd	< 1,8 VDC
output function	light / dark operate, alarm
output circuit	PNP
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
width / diameter	18 mm
height / length	60 mm
type	cylindrical threaded
housing material	brass nickel plated / PC
front (optics)	PC
connection types	connector M12 4 pin

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



