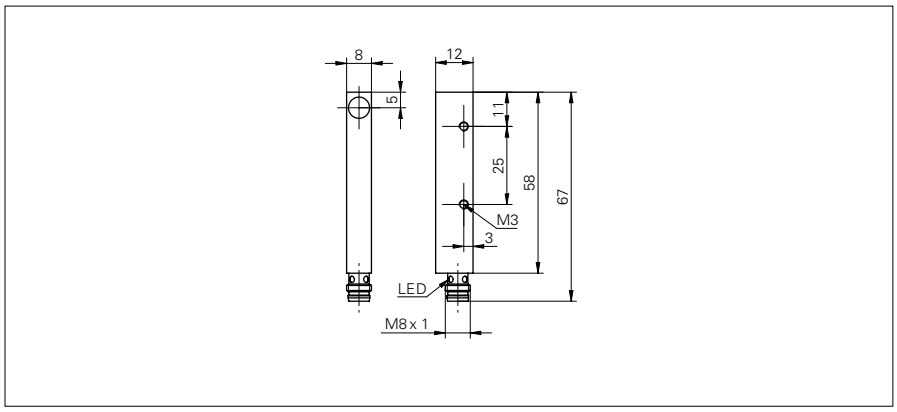
Diffuse sensors with intensity difference

FZDM 08P1001/S35L

dimension drawing



general data	
type	intensity difference
light source	pulsed infrared diode
sensing distance Tw	< 40 mm
alignment / soiled lens indicator	flashing light indicator
light indicator	LED red
sensitivity adjustment	no
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)	42 mA
current consumption typ.	20 mA
voltage drop Vd	< 2 VDC
output function	light operate
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
width / diameter	8 mm
height / length	58 mm
depth	12 mm
type	rectangular
housing material	aluminum anodized
front (optics)	PC
connection types	connector M8, 3 pin

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

photo



connection diagram

