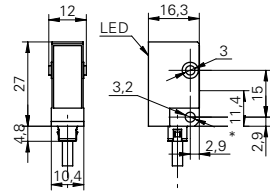


Through beam sensors

OSDK 10D9001

dimension drawing



* emitter axis

general data

type	through beam laser sensor
emitter / receiver	emitter
light source	pulsed red laser diode
actual range S_b	8 m
nominal range S_n	10 m
laser class	2
distance to laser focus	parallel beam
wave length	675 nm

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max.	50 mA
current consumption typ.	40 mA
reverse polarity protection	yes

mechanical data

width / diameter	10,4 mm
height / length	27 mm
depth	16,3 mm
type	rectangular
housing material	plastic (ASA)
front (optics)	PMMA
connection types	cable 4 pin, 2 m

ambient conditions

operating temperature	-10 ... +50 °C
protection class	IP 65

photo



connection diagram

