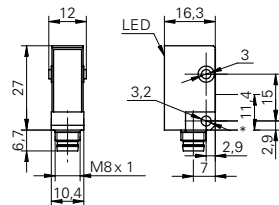


Through beam sensors

OSDK 10 (Laser, Emitter)

sample 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	1
distance to focus	parallel beam
wave length	650 nm

electrical data

voltage supply range +Vs	11 ... 30 VDC
current consumption max. (no load)	30 mA
current consumption typ.	25 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

ambient conditions

operating temperature	-10 ... +50 °C
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sample picture



laser warning

**CLASS 1 LASER
PRODUCT**

Complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to laser
notice No. 50, dated June 24, 2007

order reference	connection types	protection class
OSDK 10D9005	cable 4 pin, 2 m	IP 65
OSDK 10D9005/S35A	connector M8 4 pin	IP 67