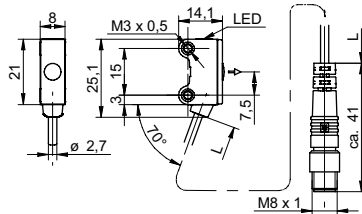


Through beam sensors

O200.TR-11212649

dimension drawing



general data

type	through beam sensor
emitter / receiver	emitter
light source	pulsed red LED
actual range S_b	5 m
nominal range S_n	6 m
power on indication	LED green
wave length	644 nm
alignment optical axis	< 1,5°

electrical data

voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	20 mA (@ 30 VDC)
current consumption typ.	16 mA (@ 24 VDC)
reverse polarity protection	yes

mechanical data

width / diameter	8 mm
height / length	25,1 mm
depth	14,1 mm
type	rectangular
mechanical mounting	threaded sleeves M3 (stainless steel)
housing material	plastic (ASA, PMMA)
front (optics)	PMMA
connection types	flylead connector M8 4 pin, L=200 mm
cable characteristics	PVC / PVC 4 x 0,08 mm ²

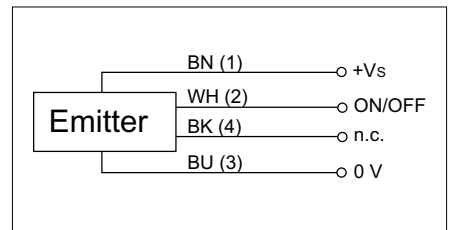
ambient conditions

operating temperature	-20 ... +50 °C
protection class	IP 67

photo



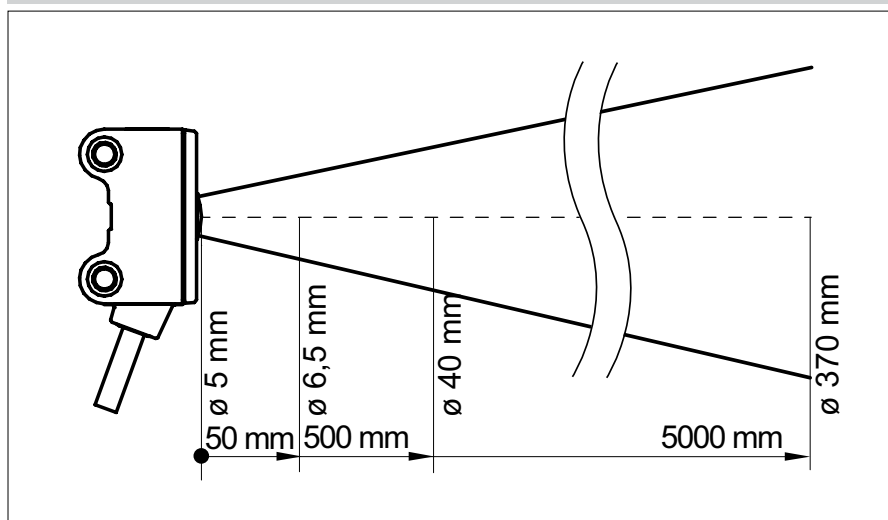
connection diagram



Through beam sensors

O200.TR-11212649

beam characteristic (typically)



excess gain curve

