

overview

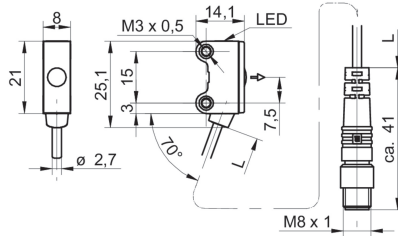
- emitter
- through beam sensor
- 5 m
- pulsed red LED
- threaded sleeves M3 (stainless steel)
- flylead connector M8 4 pin, L=200 mm
- -25 ... 50 °C
- IP 67



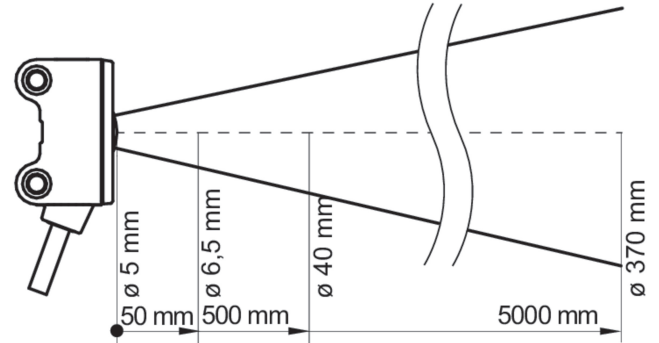
technical data

general data		mechanical data	
type	through beam sensor	width / diameter	8 mm
emitter / receiver	emitter	height / length	25,1 mm
light source	pulsed red LED	depth	14,1 mm
actual range Sb	5 m	type	rectangular
nominal range Sn	6 m	mechanical mounting	threaded sleeves M3 (stainless steel)
power on indication	LED green	housing material	plastic (ASA, PMMA)
wave length	644 nm	front (optics)	PMMA
alignment optical axis	< 1,5°	connection types	flylead connector M8 4 pin, L=200 mm
electrical data		cable characteristics	PVC / PVC 4 x 0,08 mm²
voltage supply range +Vs	10 ... 30 VDC	ambient conditions	
current consumption max. (no load)	20 mA (@ 30 VDC)	operating temperature	-25 ... +50 °C
current consumption typ.	16 mA (@ 24 VDC)	protection class	IP 67
reverse polarity protection	yes		

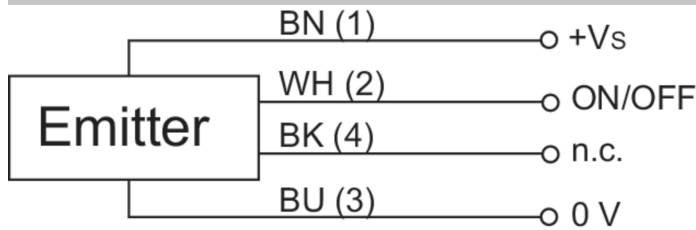
dimension drawing



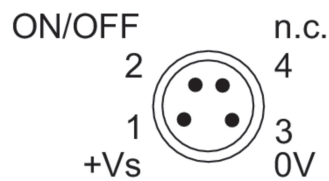
beam characteristic (typically)



connection diagram



pin assignment



excess gain curve

