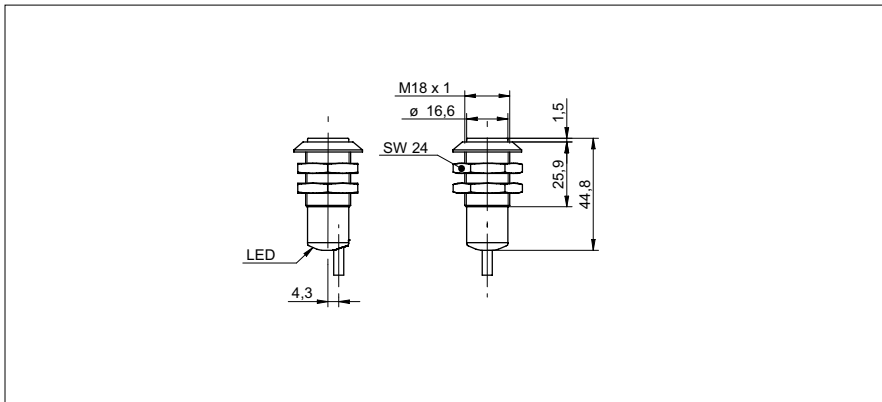


Through beam sensors

OR18.TI-11157823

dimension drawing



general data

type	through beam sensor
emitter / receiver	emitter
light source	pulsed infrared diode
actual range Sb	13 m
nominal range Sn	20 m
power on indication	LED green
emission power adjustment	no
wave length	880 nm

electrical data

voltage supply range +Vs	12 ... 30 VDC
current consumption max. (no load)	40 mA
current consumption typ.	30 mA
reverse polarity protection	yes

mechanical data

width / diameter	18 mm
height / length	44,8 mm
type	cylindrical threaded
housing material	plastic (ABS TERLURAN)
front (optics)	PMMA
connection types	cable 4 pin, 2 m

ambient conditions

operating temperature	-25 ... +55 °C
protection class	IP 67

photo



connection diagram

