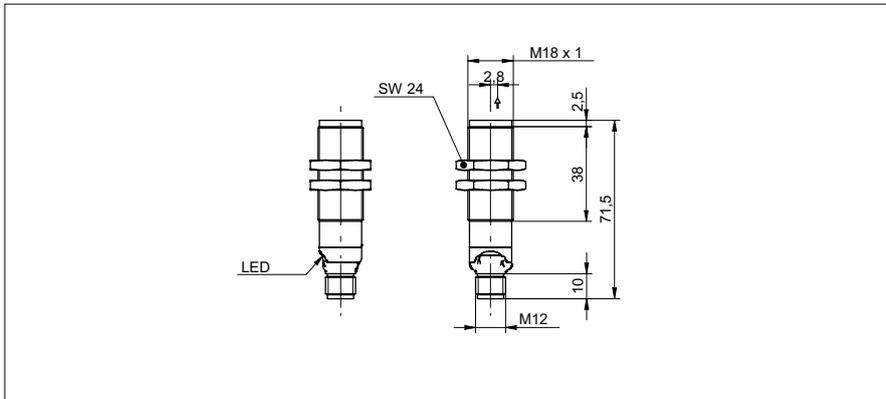


**Through beam sensors**

**OR18.TL-11157829**

**dimension drawing**



**general data**

type	through beam sensor
emitter / receiver	emitter
light source	pulsed red laser diode
actual range $S_b$	55 m
nominal range $S_n$	60 m
power on indication	LED green
emission power adjustment	no
laser class	1
distance to focus	parallel beam
wave length	630 nm

**electrical data**

voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	45 mA
current consumption typ.	35 mA
reverse polarity protection	yes

**mechanical data**

width / diameter	18 mm
height / length	71,5 mm
type	cylindrical threaded
housing material	brass nickel plated
front (optics)	PMMA
connection types	connector M12 4 pin

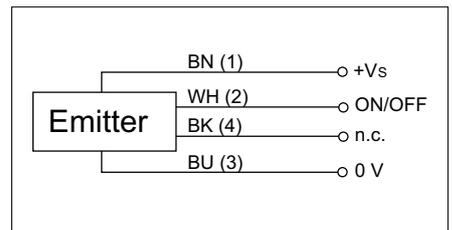
**ambient conditions**

operating temperature	-10 ... +55 °C
protection class	IP 67

**photo**



**connection diagram**



**laser warning**

**CLASS 1 LASER PRODUCT**

IEC 60825-1/2014  
Complies with 21 CFR 1040.10 and 1040.11  
except for deviations pursuant to laser  
notice No. 50, dated June 24, 2007

