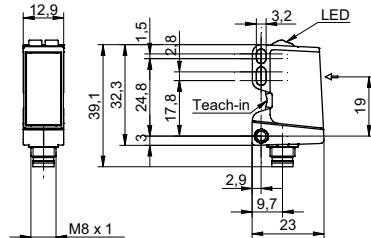


Through beam sensors

O300.EL-11181082

dimension drawing



general data

type	through beam sensor
emitter / receiver	receiver
actual range S_b	40 m
nominal range S_n	75 m
alignment / soiled lens indicator	flashing light indicator
light indicator	LED yellow
power on indication	LED green
sensitivity adjustment	qTeach
alignment optical axis	$< 2^\circ$

electrical data

response time / release time	$< 0,49$ ms
voltage supply range $+V_s$	10 ... 30 VDC
current consumption max. (no load)	40 mA
current consumption typ.	30 mA
voltage drop V_d	< 3 VDC
output function	light / dark operate
output circuit	PNP complementary
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	12,9 mm
height / length	32,3 mm
depth	23 mm
type	rectangular
housing material	plastic (ASA, PMMA)
front (optics)	PMMA
connection types	connector M8 4 pin

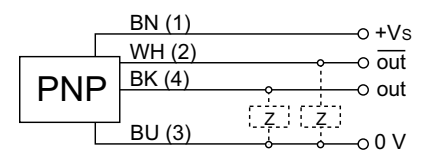
ambient conditions

operating temperature	-25 ... +60 °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

