

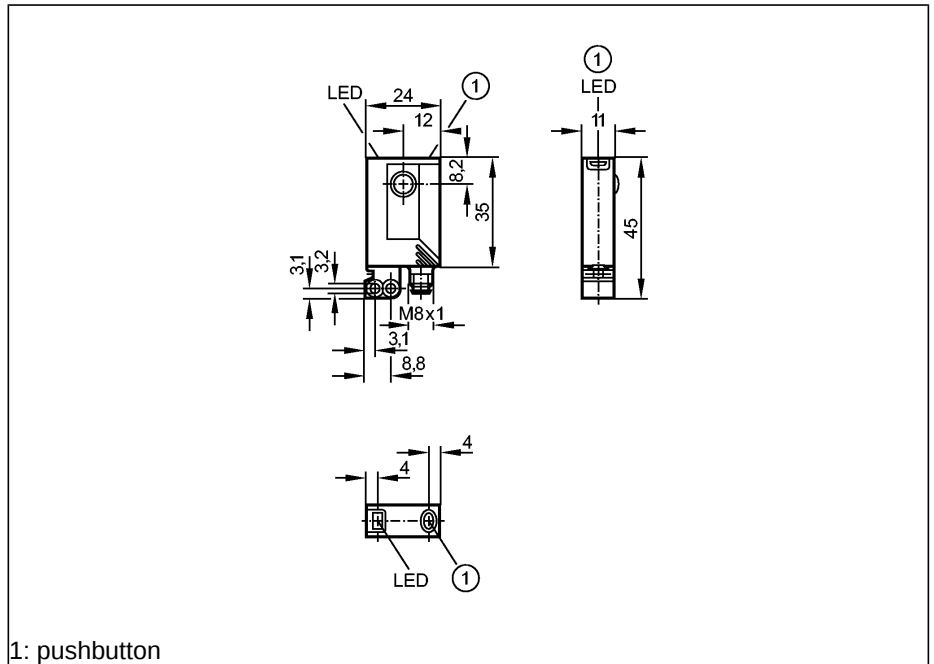
Photoelectric sensors

OJ5014

OJPLFPKG/FO/AS
Retro-reflective sensor
Rectangular, plastics
Plug and socket

Electronic lock
LASER retro-reflective sensor
Polarisation filter
Visible laser light, LASER CLASS 1
External teach function
Front sensing

Sensing range 8m
(Prismatic reflector 50 x 50 mm
(E20722))
adjustable



1: pushbutton

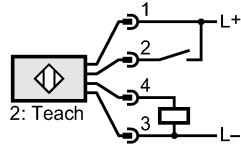
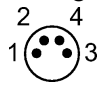
Made in Germany



Electrical design	DC PNP
Output	light-on / dark-on programmable
Smallest detectable object [Ø in mm]	Ø 2.5mm (0.1m) Ø 4mm (2.5m) Ø 8mm (5m)
Light spot diameter [mm]	< 12 (at maximum range)
Operating voltage [V]	10...30 DC
Current rating [mA]	200
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 15
Switching frequency [Hz]	2000
Type of light	red light 650 nm
Life expectancy typ. [h]	50000
Ambient temperature [°C]	-10...60
Protection	IP 67, III
EMC	EN 60947-5-2
Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Function display	
Switching status LED	yellow
Operation LED	green
Function LED	red
Connection	M8 connector
Weight [kg]	0.056
Remarks	Laser light CLASS 1 LASER PRODUCT IEC 60825-1 : 2007 complies with 21 CFR 1040.10 except for deviations pursuant to Laser Notice No. 50, dated June 2007 cULus - Class 2 source required
Accessories (included)	Basic clip, E20964, 2 mounting screws, M3 x 16, 2 spring washers, 2 nuts

OJ5014

Wiring



Excess gain graphs

