

1: pushbutton



Product characteristics

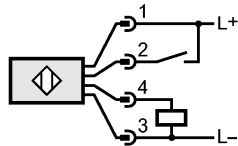
Through-beam sensor
Rectangular, plastics
Quick disconnect
Electronic lock
Visible laser light, LASER CLASS 1
External teach function
Side sensing
Receiver
Sensing range 1m adjustable

Electrical data		DC PNP
Electrical design		DC PNP
Operating voltage [V]		10...30 DC
Current consumption [mA]		< 12
Type of light		red light 650 nm
Life expectancy typ. [h]		50000
Protection class		III
Reverse polarity protection		yes
Outputs		
Output function		light-on / dark-on programmable
Voltage drop [V]		< 2.5
Current rating [mA]		200
Short-circuit protection		yes (non-latching)
Overload protection		yes
Switching frequency [Hz]		1200
Monitoring range		
Sensing range [m]		1
Smallest detectable object [mm]		Ø 0.8
Environment		
Ambient temperature [°C]		-10...60

OJ5042 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	952
Mechanical data	
Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Weight [kg]	0.043
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M8 connector

Wiring



2: Teach

Accessories	
Accessories (included)	Basic clip; E20964; 2 mounting screws; M3 x 16; 2 spring washers; 2 nuts
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity [piece]	1