



## Straight-Through Sensor Receiver OF5022

URL:https://www.sxplc.com/straight-through-sensor-receiverof5022

## **Product data sheet**



Function principle
Counterpoise photoelectric switches
Electrical data
Operating voltage [V]
1036 DC
Current loss [mA]
< 30
Protection class
II .
Inverted phase protection
yes
Type of light
Infrared
Wavelength [nm]
880

Output
Electrical Design
PNP
Output Function
Bright pass and dark pass modes; (selectable)
Switching output DC voltage drop max.
2.5
Function monitoring output
Yes
Function check output voltage drop maximum value [V]
3.5
Max. current load for function monitoring output [mA]
10
Continuous current load for switching output DC [mA]
200

Switching frequency DC [Hz]
320
Short circuit protection
Yes
Short-circuit protection type
Pulse
Overload protection
Yes
Monitoring Range
Transmitter/Receiver
Receiver
Detection distance [m]
< 4
Detection distance can be set
Yes

Operating conditions
Ambient temperature [°C]
-2560
Enclosure protection class
IP 65
Certificates/Tests
EMC Electromagnetic Compatibility
EN 60947-5-2
MTTF [years]
652
Mechanical Technical Data
Weight [g]
40.7
Housing
Threaded construction

Dimensions [mm]
$M12 \times 1 / L = 74$
Thread designation
M12 x 1
Material
Housing: Brass White bronze - plated
Lens material
PMMA
Display/operating elements
Display
Switching status
1 x LED, yellow
Operation
1 x LED, green
Function

1 x LED, red Accessory Scope of supply Fixing nuts: 2 screwdriver Note Packing unit 1 piece Electrical connection Connector: 1 x M12; Translator: A

