

OITGENKG

Technical drawing of the LED module (Fig. 1) showing dimensions and components. The drawing includes the following dimensions and labels:

- Overall length: 125
- Distance from LED to POT1: 95
- Distance from POT1 to the end of the module: 64
- Distance from the LED to the end of the module: 54
- LED component label: LED
- POT1 component label: POT1
- Overall diameter: $\varnothing 25$
- Distance from the front flange to the center of the LED: 37
- Distance from the front flange to the center of the POT1: 21
- Distance from the front flange to the center of the LED and POT1: 36
- Distance from the front flange to the center of the LED and POT1: 5
- Distance from the front flange to the center of the LED and POT1: 88
- Distance from the front flange to the center of the LED and POT1: 13
- Distance from the front flange to the center of the LED and POT1: M30x1,5

Housing

Threaded type

Function principle

Diffuse reflection sensor

Operating voltage

10...55 DC

Current consumption

15; ((24 V))

Protection class

11

Reverse polarity protection

yes

Electrical design

NPN

Output function

light-on/dark-on mode; (configurable)

Max. voltage drop switching
output DC

2.5

Permanent current rating of switching output DC

250

Switching frequency DC

80

Short-circuit protection

yes

Type of short-circuit protection

yes (non-latching)

Overload protection

yes

Range

[mm]

< 80

OI5016



Diffuse reflection sensor

OITGFNKG

Range adjustable		yes	
Operating conditions			
Ambient temperature		[°C]	-25...80
Protection		IP 65	
Mechanical data			
Housing		Threaded type	
Dimensions		[mm]	M30 x 1.5
Thread designation		M30 x 1.5	
Displays / operating elements			
Display		Switching status	1 x LED, yellow
Accessories			
Items supplied		lock nuts: 2	
		screwdrivers	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			
...2.5 mm²; Cable sheath: Ø 7...13 mm; Cable gland: M20 X 1.5			
Connection			

