

Product characteristics  
Diffuse reflection sensor  
Threaded type

Quick disconnect

Background suppression

Range 100mm (Range referred to white paper 200 x 200 mm, 90 % remission)

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Range [mm]

Light spot diameter [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

Output status indication LED

Power LED

Electrical connection

Connection

**Wiring**

DC PNP

10...30 DC

25

red light 625 nm

II

yes

light-on mode

< 2.5

200

yes (non-latching)

yes

1000

100 (Range referred to white paper 200 x 200 mm, 90 % remission)

< 16 ( at maximum range )

-25...60

IP 68

EN 60947-5-2

EN 55011:

class B

541

high-grade stainless steel; ABS

PMMA

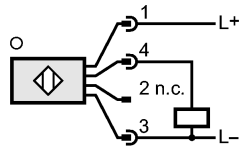
0.065

yellow

green

M12 connector

**OG5123 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03**



Accessories

Accessories (included)

2 nuts; 2 lock washers (Steel galvanized)

Remarks

Pack quantity

[piece]

1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — OG5123 — 13.02.2004