

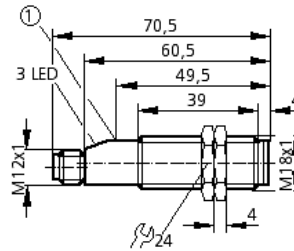
Diffuse reflection sensor

OG5053

OGH-FPKG/US
Threaded type M18 x 1
Quick disconnect

Background suppression

Range 30 ... 130mm
(Range referred to white paper
200 x 200 mm, 90 % remission)
adjustable



1: push button

Electrical design

Output

Light spot diameter [mm]

Operating voltage [V]

Current rating [mA]

Short-circuit protection

Reverse polarity protection

overload protection

Voltage drop [V]

Current consumption [mA]

Switching frequency [Hz]

Type of light

Operating temperature [°C]

Protection

EMC

Housing material

Material lens

Function display

Switching status LED

Power LED

Connection

Wiring

DC PNP

light-on / dark-on programmable

12 (TW = max.)

10...36 DC

200 (...60 °C) / 150 (...80 °C)

Yes (non-latching)

yes

yes

< 2.5

< 60

250

Transmitter red light 660 nm

-25...80

IP 67

EN 60947-5-2; EN 55011 class B

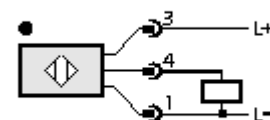
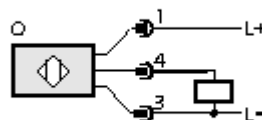
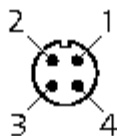
PC Copolymer

PMMA

yellow

green

M12 connector



Accessories (included)

efector, inc., 805 Springdale Dr., Exton, PA 19341

2 lock nuts

— We reserve the right to make technical alterations without prior notice. — US - OG5053 — 06.03.2003