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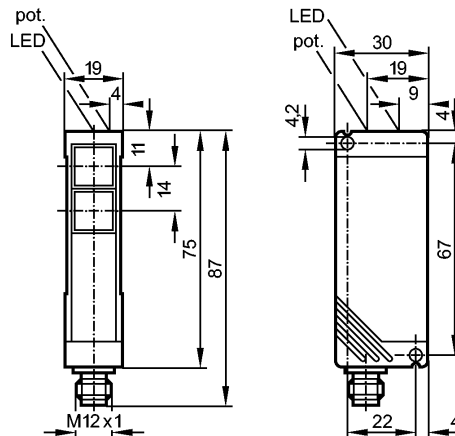
**efector200**

OT5004



OTT-FNKG/US-100-INF

Photoelectric sensors



Receiver in lower lens, Transmitter in upper lens



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Quick disconnect

Range 4...200mm (referred to white paper 200 x 200 mm)

adjustable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...50 DC

Current consumption [mA]

40 (24 V)

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

150

Monitoring range

Range [mm]

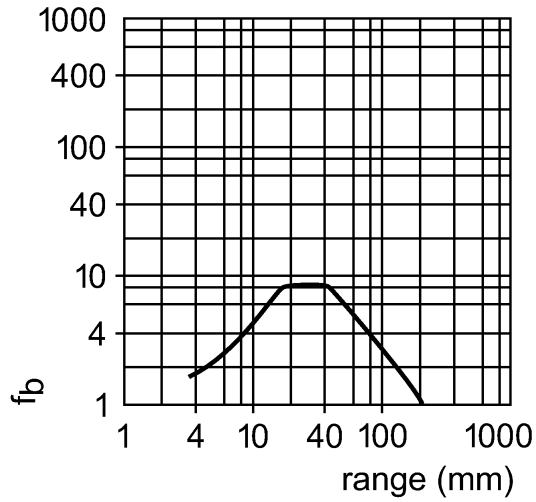
4...200 (referred to white paper 200 x 200 mm)

Light spot diameter [mm]

187 ( at maximum range )

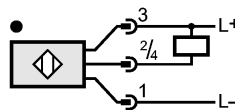
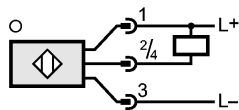
Excess gain graphs

**OT5004 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03**



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	583
Mechanical data	
Housing materials	PBT
Lens material	PMMA
Weight [kg]	0.161
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Electrical connection	
Connection	M12 connector

**Wiring**



Accessories	
Accessories (included)	Angle bracket; E20461; screwdriver
Remarks	
Pack quantity [piece]	1

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