

one transmitting diode in upper and lower lens



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Transmitter

Sensing range 6m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Short-circuit protection

Overload protection

Monitoring range

Sensing range [m]

Light spot diameter [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

Power

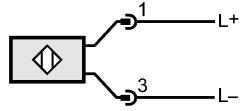
Electrical connection

Connection

**Wiring**

	DC
Operating voltage [V]	10...55 DC
Current consumption [mA]	20 (24 V)
Type of light	Infrared light 880 nm
Protection class	III
Reverse polarity protection	yes
Short-circuit protection	yes (non-latching)
Overload protection	yes
Sensing range [m]	6
Light spot diameter [mm]	734 ( at maximum range )
Ambient temperature [°C]	-25...80
Protection	IP 67
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	1801
Housing materials	modified PPO
Lens material	glass
Weight [kg]	0.069
Power	yellow
Connection	M12 connector

**OU5045 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**



Accessories

Accessories (included)

Angle bracket; E20211

Remarks

Pack quantity

[piece]

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