

Product characteristics

Through-beam sensor

Rectangular, plastics

Connector

Teach function

Electronic lock

Receiver

Sensing range 60m

adjustable

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]

Range

Sensing range [m]

Smallest detectable object [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

DC PNP

10...36 DC

11

Red light 655 nm

II

yes

light-on / dark-on programmable via pushbutton

< 2.5

200

pulsed

yes

1000

60

3 (60 m)

-10...60

IP 67

EN 60947-5-2

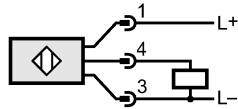
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O5E700 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

Mechanical data

Housing materials	housing: PA; bezel: high-grade stainless steel; operator interface: TPU
Lens material	PMMA
Weight [kg]	0.068
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	M12 connector

Wiring



Remarks

Remarks	cULus - Class 2 source required
Pack quantity [piece]	1