

# O7E202



## Through-beam sensor receiver

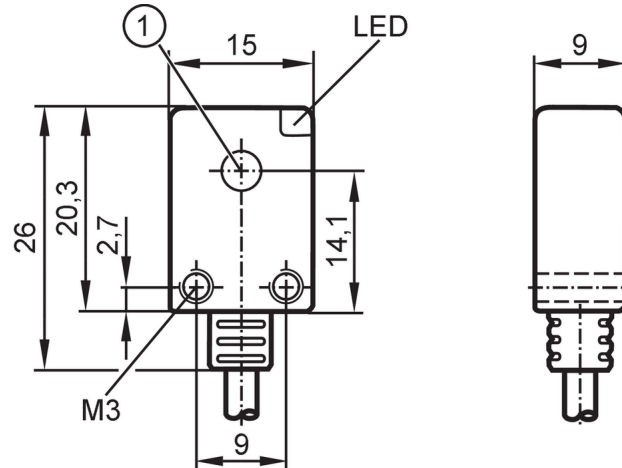
O7E-DNKG/0,20M/AS

Article to be discontinued

Discontinuation date: 03/31/2026

Alternative articles: O7E200

When selecting an alternative article and accessories please note that technical data may differ!



Receiver in upper lens



### Product characteristics

Type of light	red light
Housing	rectangular

### Application

Function principle	Through-beam sensor
Application	For applications in robotics, assembly and handling technology

### Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	10; ((24 V))
Protection class	III
Reverse polarity protection	yes
Type of light	red light

### Outputs

Electrical design	NPN
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)

### Monitoring range

Transmitter / receiver	receiver
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## Through-beam sensor receiver

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Range	[m]	0...1.5
Range adjustable		no
Light spot dimensions refer to		at maximum range

### Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65

### Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	1077

### Mechanical data

Weight	[g]	14.3
Housing		rectangular
Dimensions	[mm]	20.3 x 15 x 9
Material		housing: PA
Lens material		front lens:PMMA
Lens alignment		Side sensing
Tightening torque	[Nm]	0.5

### Displays / operating elements

Display	Switching status	1 x LED, yellow
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### Remarks

Remarks		UL - Class 2 source required
Pack quantity		1 pcs.

### Electrical connection

Cable: 0.2 m, PUR; 3 x 0.14 mm<sup>2</sup>

Connector: 1 x M8; coding: A; Contacts: 3; Locking: snap-fit



### Connection

