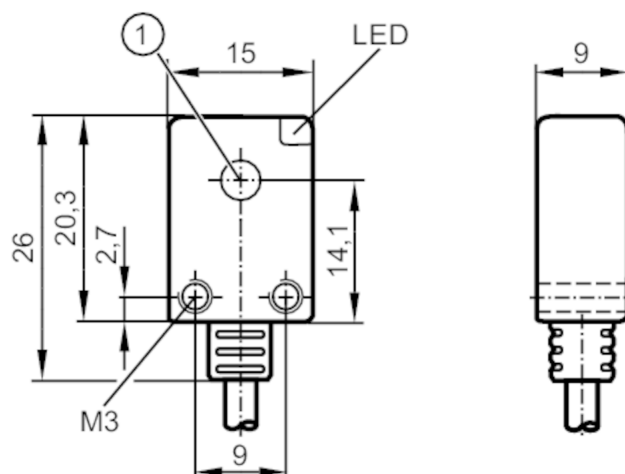




## Through-beam sensor receiver

O7E-HNKG/0,20M/AS



Receiver in upper lens



## Product characteristics

Type of light	red light
Housing	rectangular

## Application

Function principle	Through-beam sensor
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## 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	light-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
Range [m]	0...1.5
Range adjustable	no
Light spot dimensions refer to	at maximum range

# O7E203



## Through-beam sensor receiver

O7E-HNKG/0,20M/AS

Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	1077
Mechanical data		
Weight	[g]	14.4
Housing		rectangular
Dimensions	[mm]	20.3 x 15 x 9
Material		PA
Lens material		PMMA
Lens alignment		Side sensing
Displays / operating elements		
Display	Switching status	1 x LED, yellow
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; Locking: snap-fit



### Connection

