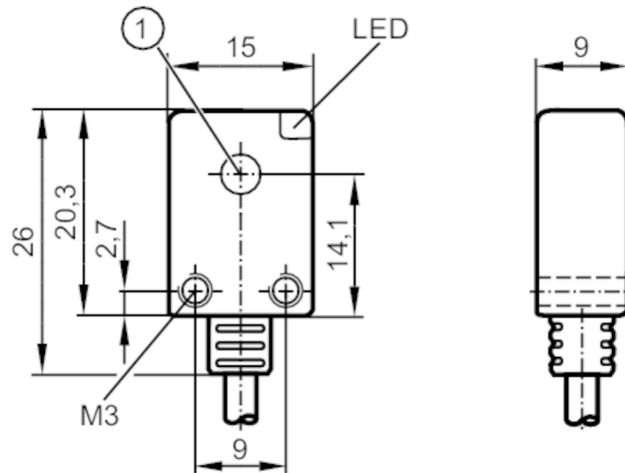




Through-beam sensor receiver

O7E-DNKG/0,20M/AS



receiver in upper lens



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	20.3 x 15 x 9

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	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	pulsed

Detection zone

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

O7E202



Through-beam sensor receiver

O7E-DNKG/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]	14.3
Housing		rectangular
Dimensions	[mm]	20.3 x 15 x 9
Materials		PA
Lens material		PMMA
Lens alignment		side lens
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Remarks		operating voltage "supply class 2" according to UL
Pack quantity		1 pcs.
Electrical connection		

Cable: 0.2 m, PUR; 3 x 0.14 mm²

Connector: 1 x M8; Locking: snap-fit



Connection

