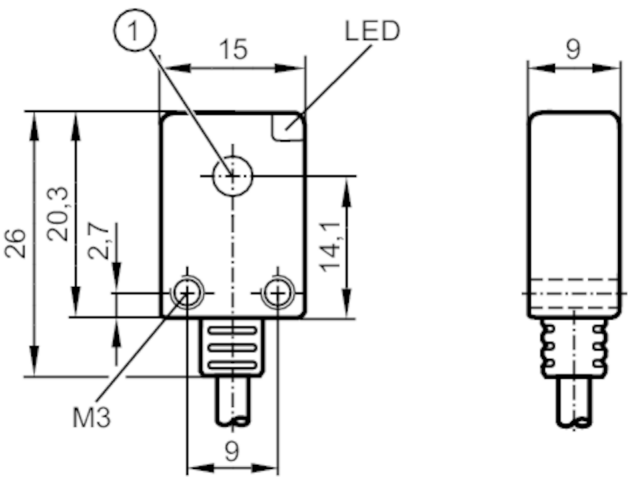




Through-beam sensor receiver

O7E-DNKG/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		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



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	[ANN]	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; coding: A; Locking: snap-fit		
		

Connection
