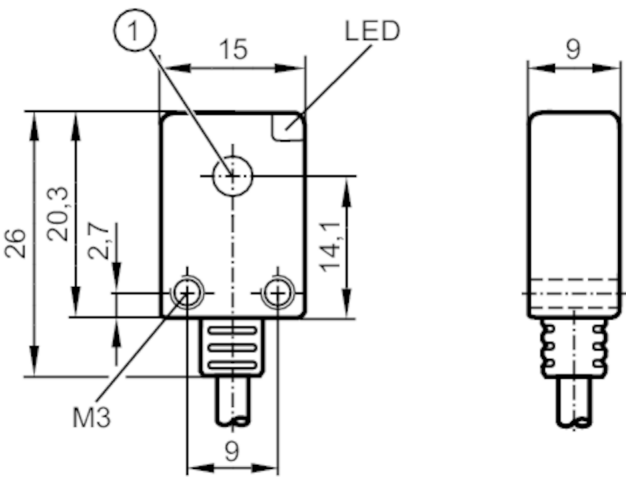




Through-beam sensor receiver

O7E-DNKG/0,20M/AS



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Function principle		Through-beam sensor
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
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
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

