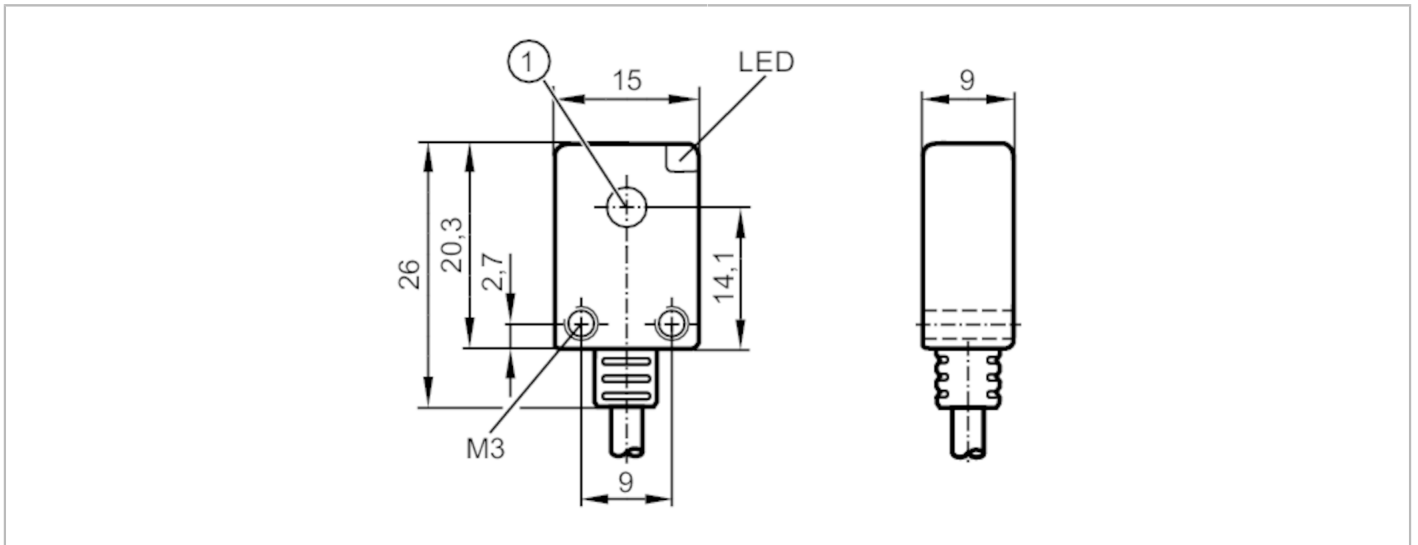


O7E202



Through-beam sensor receiver

O7E-DNKG/0,20M/AS



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	pulsed
Detection zone	
Transmitter / receiver	receiver
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

O7E202



Through-beam sensor receiver

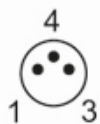
O7E-DNKG/0,20M/AS

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	1077
Mechanical data		
Weight	[g]	14
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

