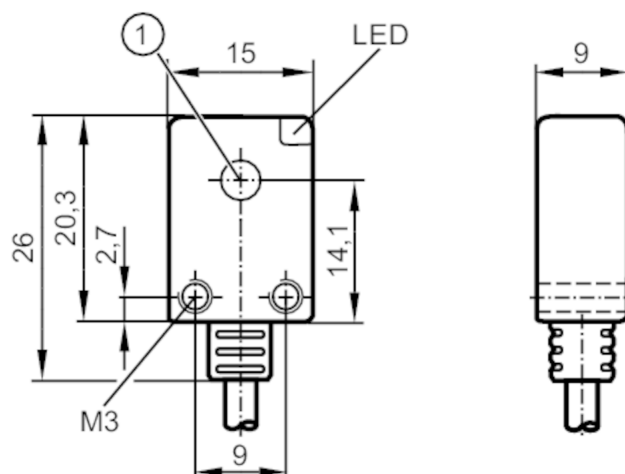




Through-beam sensor receiver

O7E-HNKG/0,20M/AS



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	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



Through-beam sensor receiver

O7E-HNKG/0,20M/AS

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

