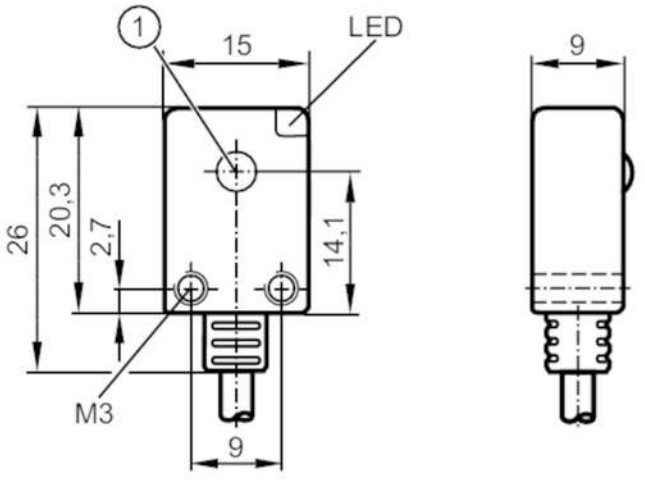
O7S200

Through-beam sensor transmitter

O7S-OOKG/0,20M/AS



transmitter in upper lens

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]	20; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	633
Outputs		
Switching frequency DC	[Hz]	1000
Detection zone		
Transmitter / receiver		transmitter
Range	[m]	0...1.5
Range adjustable		no
Max. light spot diameter	[mm]	90
Light spot dimensions refer to		at maximum range
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 65
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	1899

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Mechanical data		
Weight	[g]	14.2
Housing		rectangular
Dimensions	[mm]	20.3 x 15 x 9
Materials		PA
Lens material		PMMA
Lens alignment		side lens
Tightening torque	[Nm]	0.5

Displays / operating elements		
Display	operation	1 x LED, green

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

