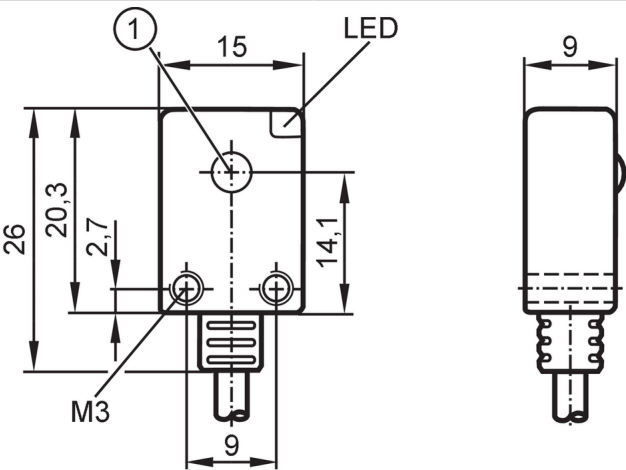


O7S200



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
Application		For applications in robotics, assembly and handling technology
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

O7S200



Through-beam sensor transmitter

O7S-00KG/0,20M/AS

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

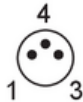
Displays / operating elements		
Display	operation	1 x LED, green

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; Contacts: 3; Locking: snap-fit



Connection

