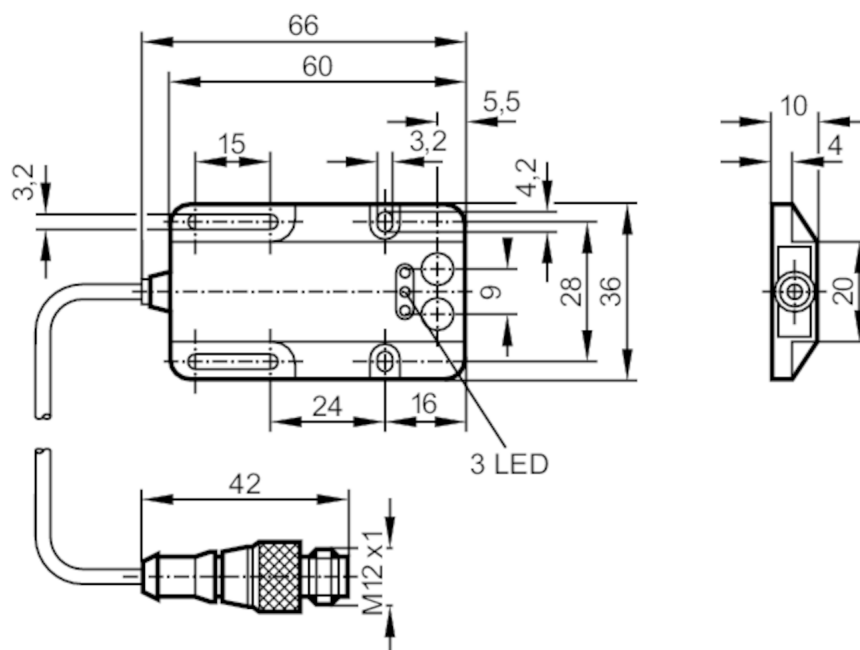


Through-beam sensor receiver

OWE-FPKG/0,1M/US

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Empfänger in unterer und oberer Optik

Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	36 x 60 x 10

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	25; ((36 V))
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660

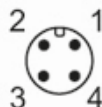
Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC [V]	2,5
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	250
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes



Through-beam sensor receiver

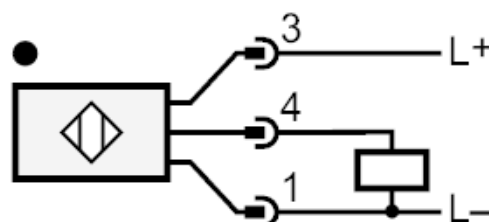
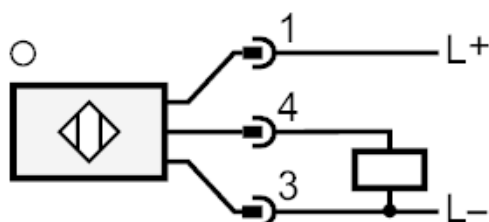
OWE-FPKG/0,1M/US

Detection zone		
Transmitter / receiver	receiver	
Range [m]	< 4	
Operating conditions		
Ambient temperature [°C]	-25...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	class B
	EN 55011	
MTTF [ANN]	878	
Mechanical data		
Housing	rectangular	
Dimensions [mm]	36 x 60 x 10	
Materials	ABS glass fibre reinforced	
Lens material	PMMA	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0,1 m, PVC		
Connector: 1 x M12		
		

Through-beam sensor receiver

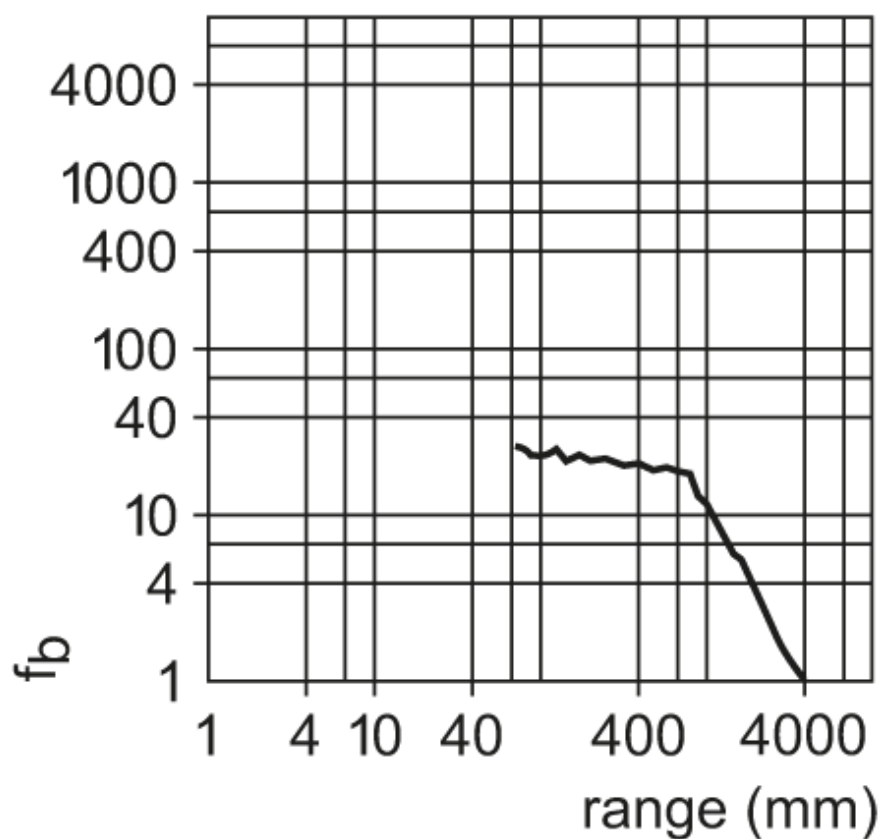
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Connection



Diagrams and graphs

excess gain graph



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