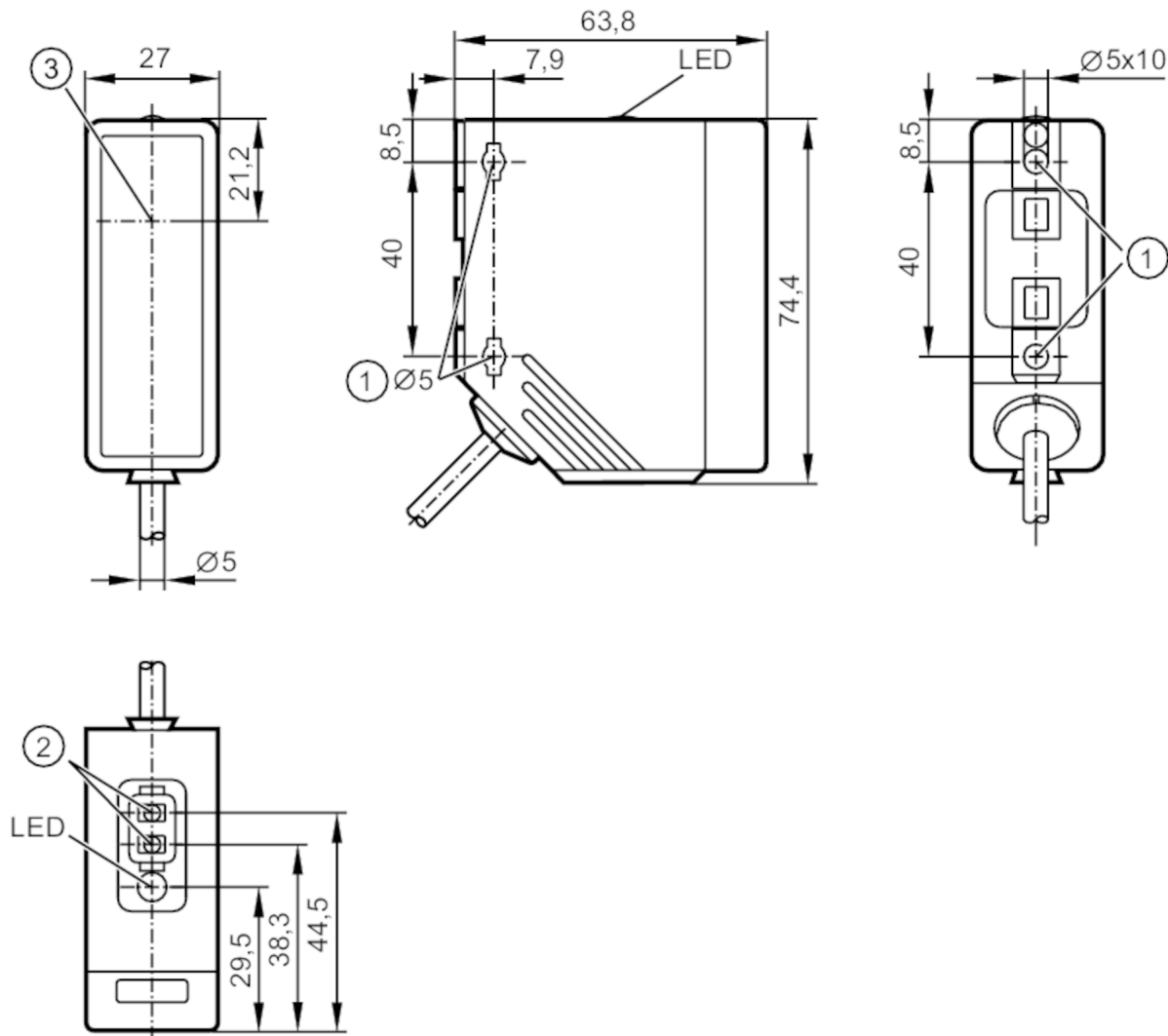


O4E501



Through-beam sensor receiver

O4E-FPKG/2M



- 1 When a M5 mounting screw is used, the max. tightening torque is 2 Nm.
2 Programming buttons
3 Light incidence



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	12
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624



Through-beam sensor receiver

O4E-FPKG/2M

Outputs		
Electrical design	PNP	
Output function	light-on/dark-on mode; (programmable)	
Max. voltage drop switching output DC [V]	2.5	
Permanent current rating of switching output DC [mA]	200	
Switching frequency DC [Hz]	1000	
Short-circuit protection	yes	
Type of short-circuit protection	yes (non-latching)	
Overload protection	yes	
Monitoring range		
Transmitter / receiver	receiver	
Range [m]	0...80	
Range adjustable	yes	
Operating conditions		
Ambient temperature [°C]	-25...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
MTTF [years]	785	
Mechanical data		
Weight [g]	206.5	
Housing	rectangular	
Dimensions [mm]	74.4 x 27 x 63.8	
Material	housing: PA; Front framework: stainless steel; operator interface: TPE	
Lens material	PMMA	
Lens alignment	Side sensing	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Teach function	yes	
Electronic lock	yes	
Remarks		
Remarks	cULus - Class 2 source required	
Pack quantity	1 pcs.	

O4E501



Through-beam sensor receiver

O4E-FPKG/2M

Electrical connection

Cable: 2 m, PUR; 3 x 0.34 mm²

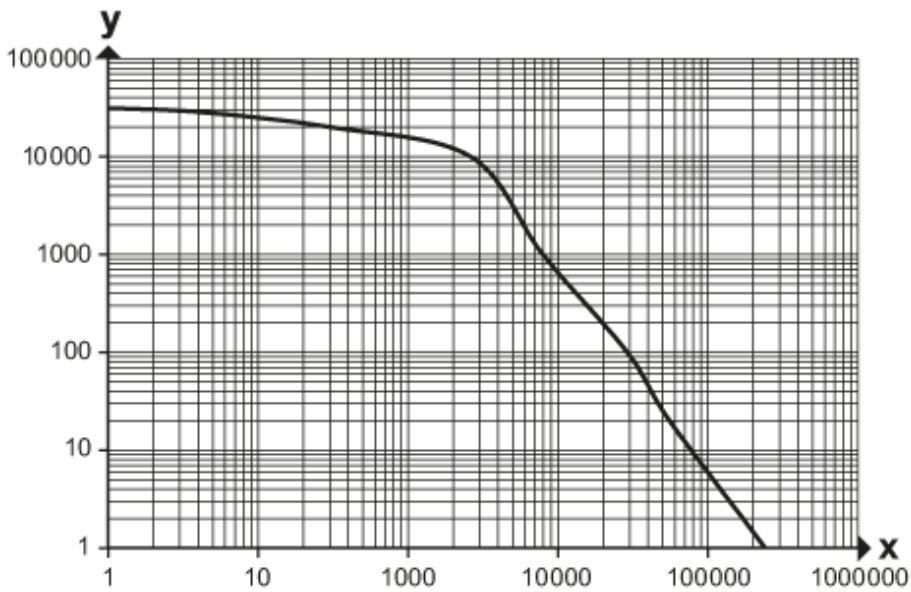
Connection



Core colors :
BK = black
BN = brown
BU = blue

Diagrams and graphs

excess gain graph



x: Abstand [mm]
y: Funktionsreservefaktor