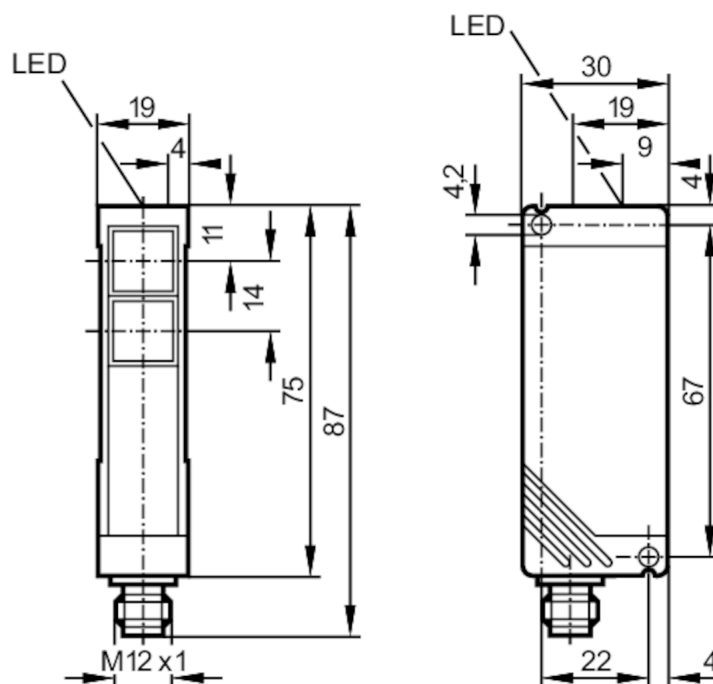


Through-beam sensor transmitter

OTS-00KG/US-100



one transmitting diode each in upper and lower lens



Application

Function principle Through-beam sensor

Electrical data

Operating voltage [V]	10...50 DC
Current consumption [mA]	20; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	880

Detection zone

Transmitter / receiver	transmitter
Range [m]	< 10
Range adjustable	no
Max. light spot diameter [mm]	524
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	
	EN 55011	class B
MTTF [years]	1862	

OT5008



Through-beam sensor transmitter

OTS-00KG/US-100

Mechanical data

Weight	[g]	154.4
Housing		rectangular
Materials		PBT
Lens material		PMMA
Lens alignment		side lens

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Accessories (supplied)	Angle bracket: 1 x, E20461
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12



Connection

