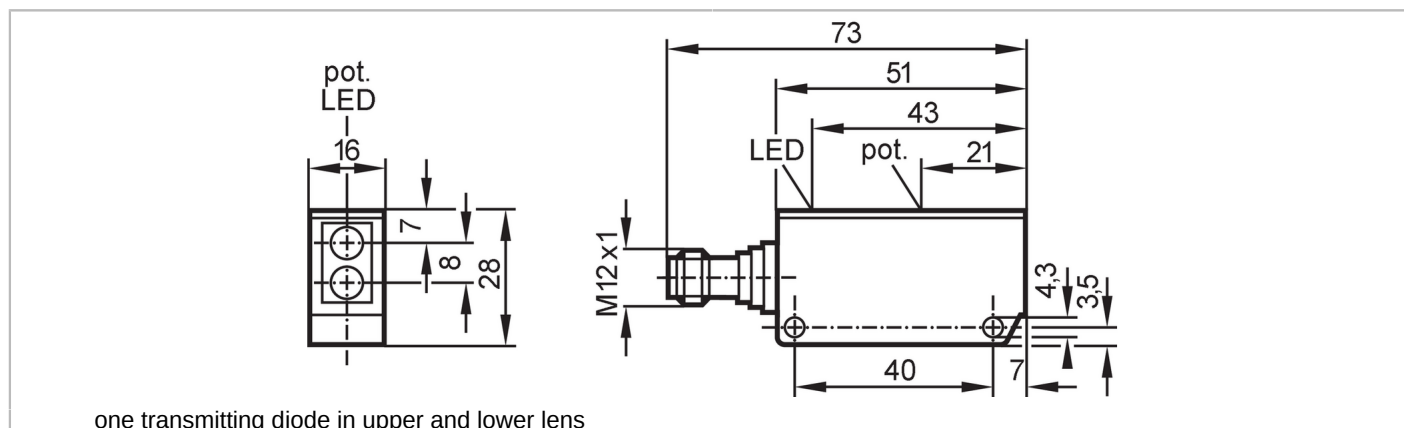




Through-beam sensor transmitter

OUS-00KG/US-100



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
Application	Industrial applications

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	20; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	880

Outputs

Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Transmitter / receiver	transmitter
Range [m]	< 6
Range adjustable	no
Max. light spot diameter [mm]	734
Light spot dimensions refer to	at maximum range

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	1801



Through-beam sensor transmitter

OUS-00KG/US-100

UL approval	Ta	< 40 °C
	Enclosure type	Type 1
	voltage supply	Class 2
	UL approval number	E032
	File number UL	E174191

Mechanical data		
Weight	[g]	68.5
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Number of channels		1
Material		housing: PPO modified
Lens material		front lens:glass

Displays / operating elements		
Display	Power	1 x LED, yellow

Accessories	
Items supplied	Angle bracket: 1, E20211

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection

