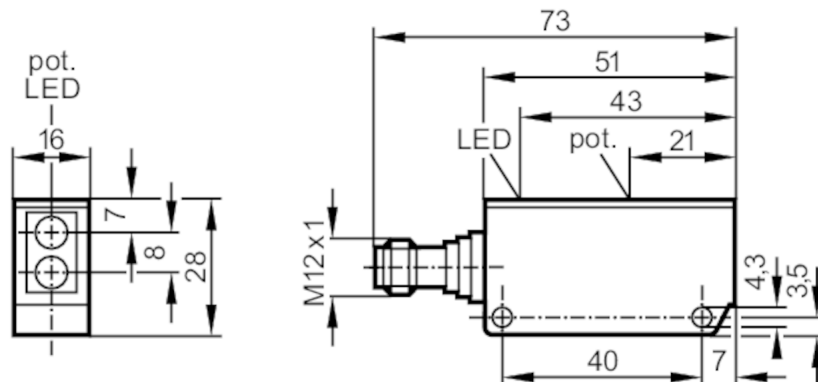




Through-beam sensor transmitter

OUS-00KG/US-100



one transmitting diode each in upper and lower lens



Application

Function principle	Through-beam sensor
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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	pulsed
Overload protection	yes

Detection zone

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	

OU5045



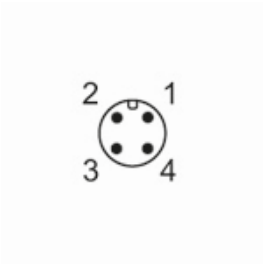
Through-beam sensor transmitter

OUS-00KG/US-100

Mechanical data		
Weight	[g]	68.8
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Materials		PPO modified
Lens material		glass
Lens alignment		side lens
Displays / operating elements		
Display	operation	1 x LED, yellow
Accessories		
Accessories (supplied)	Angle bracket: 1 x, E20211	
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12



Connection

