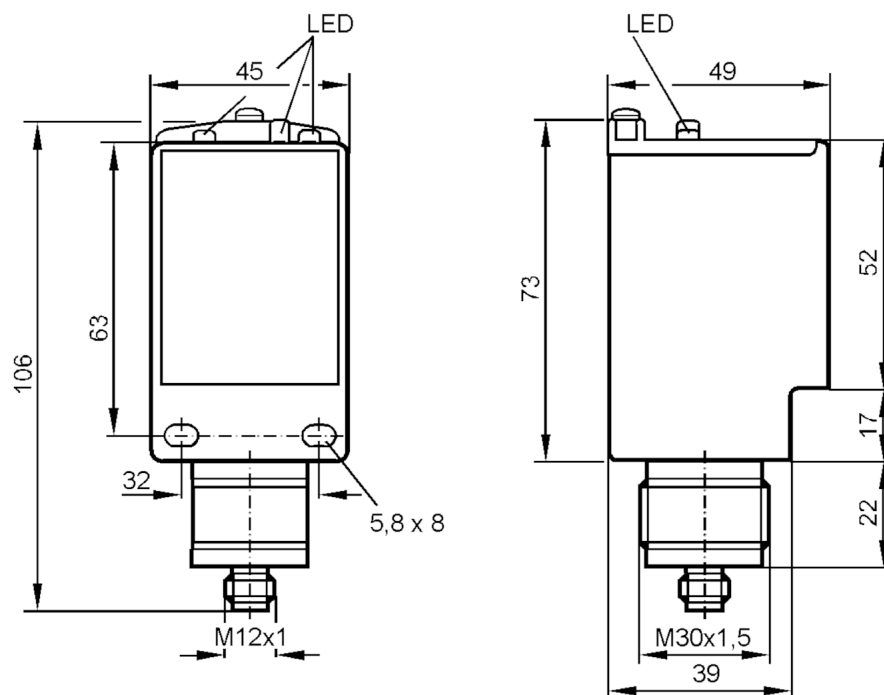




Through-beam sensor transmitter

OMS-00KG/US-100

Article no longer available - archive entry



receiver in lower lens
transmitter in upper lens



Product characteristics

Type of light	infrared light
Housing	rectangular

Application

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

Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 80
Protection class		II
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]	< 50
Range adjustable	no



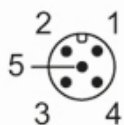
Through-beam sensor transmitter

OMS-00KG/US-100

Max. light spot diameter	[mm]	320	
Light spot dimensions refer to		Range	
Operating conditions			
Ambient temperature	[°C]	-25...40	
Protection		IP 67	
Tests / approvals			
EMC		IEC 1000-4-2/3/4/5/6	
Mechanical data			
Weight	[g]	68.039	
Housing		rectangular	
Dimensions	[mm]	73 x 45 x 49	
Materials		ABS glass fibre reinforced	
Lens material		PMMA	
Displays / operating elements			
Display		operation	1 x LED, green
Remarks			
Pack quantity		1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A; Locking: aluminium, uncoloured anodised

**Connection**