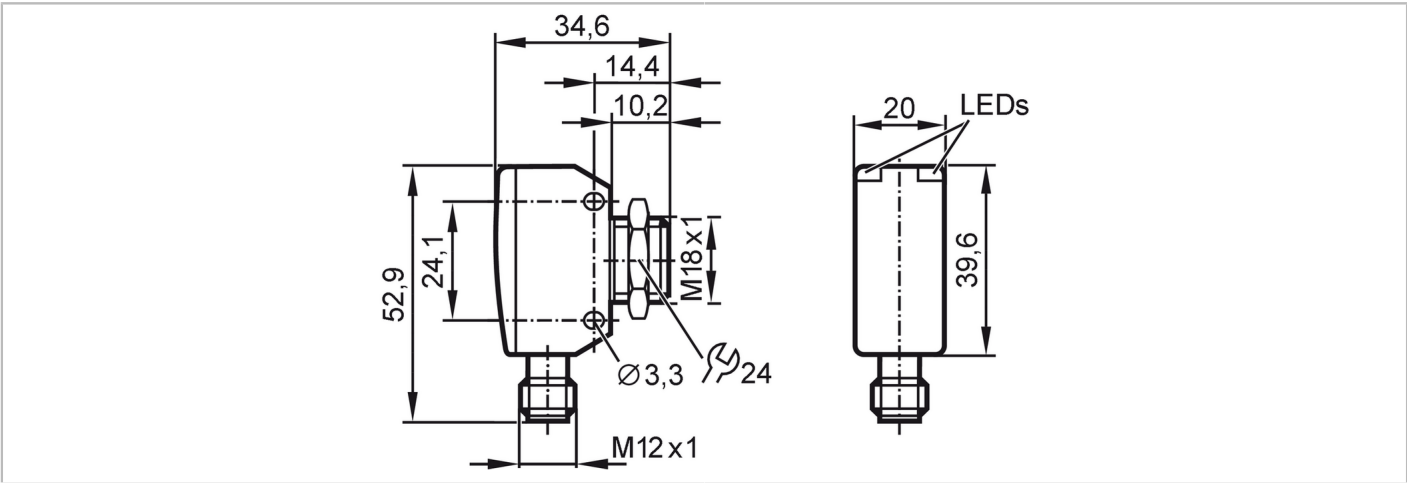




Through-beam sensor transmitter

OGSIOOKG/IO-LINK/US/V4A/CUBE



Product characteristics		
Type of light	infrared light	
Housing	rectangular with M18 thread	
Application		
Function principle	Through-beam sensor	
Application	food and beverage industry	
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	17
Protection class		III
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	860
Detection zone		
Transmitter / receiver	transmitter	
Range	[m]	< 15
Range adjustable		no
Max. light spot diameter	[mm]	200
Interfaces		
Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Smart Sensor - SSP 0	Generic Profiled Sensor
	Common - I&D	Identification and Diagnosis
SIO mode	no	
Required master port type	A	
Min. process cycle time	[ms]	2.5
IO-Link process data (cyclical)	function	bit length
	device status	4



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IO-Link functions (acyclical)	application specific tag; operating hours counter	
Supported DeviceIDs	Type of operation	DeviceID
	default	1556
Note	For further information please see the IODD PDF file under "Downloads"	

Operating conditions

Ambient temperature	[°C]	-25...80
Storage temperature	[°C]	-40...80
Protection	IP 65; IP 67; IP 68; IP 69K	

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	1002

Mechanical data

Weight	[g]	78.35
Housing	rectangular with M18 thread	
Dimensions	[mm]	52.9 x 20 x 34.6
Thread designation	M18 x 1	
Materials	housing: stainless steel (630/1.4542/17-4 PH); rear of the housing: PEI	
Lens material	front pane:PEI	
Lens alignment	side lens	

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Items supplied	lock nuts: 2 x M18, stainless steel
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Remarks

Pack quantity	1 pcs.
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Electrical connection

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



Connection

