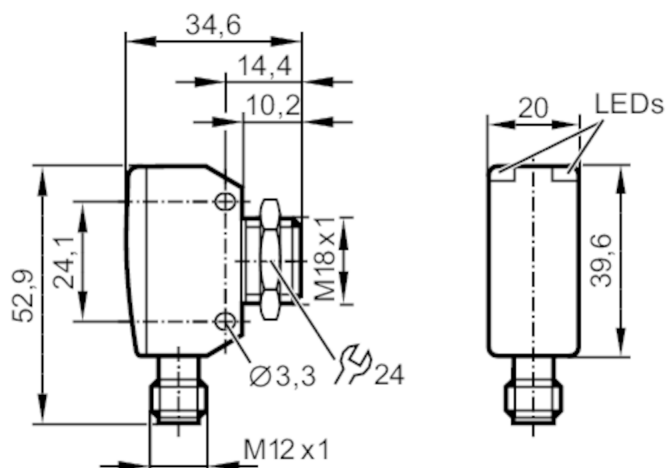


Through-beam sensor transmitter

OGS100KG/IO-LINK/US/V4A/CUBE



Product characteristics

Type of light	infrared light
Housing	rectangular with M18 thread

Application

Function principle	Through-beam sensor
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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



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IO-Link process data (cyclical)	function	bit length
IO-Link functions (acyclical)	device status	4
Supported DeviceIDs	application specific tag; operating hours counter	
Note	Type of operation	DeviceID
	default	1556
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	stainless steel (630/1.4542/17-4 PH); PEI	
Lens material	PEI	
Lens alignment	side lens	

Displays / operating elements		
Display	operation	1 x LED, green

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

Remarks		
Pack quantity	1 pcs.	

Electrical connection		
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Connector: 1 x M12; coding: A





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Connection

