

Through-beam sensor transmitter

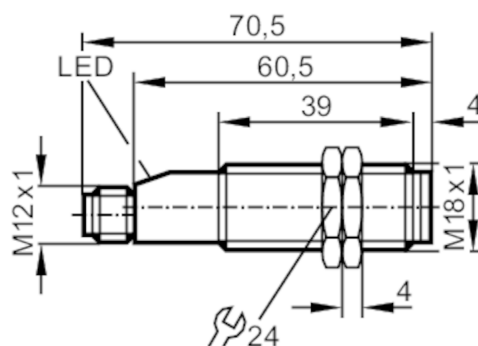
OGS-00KG/V4A/US-100

phase-out article

Alternative articles: OGS200 + OGE200 or OGS500 + OGE500

When selecting an alternative article and accessories please note that technical data may differ!

Bedingt_durch_die_geaenderte_Lichtart_muessen_Sender_und_Empfaenger_zusammen_ersetzt_werden



Product characteristics

Type of light	infrared light
Housing	threaded type

Application

Special feature	Gold-plated contacts
Function principle	Through-beam sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 17
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]	< 15
Range adjustable	no
Max. light spot diameter [mm]	2000
Light spot dimensions refer to	at maximum range

Operating conditions

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



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Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	threaded type	
Dimensions [mm]	M18 x 1 / L = 60.5	
Thread designation	M18 x 1	
Materials	stainless steel (316L/1.4404); PBT	
Lens material	PMMA	

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Items supplied	lock nuts: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

