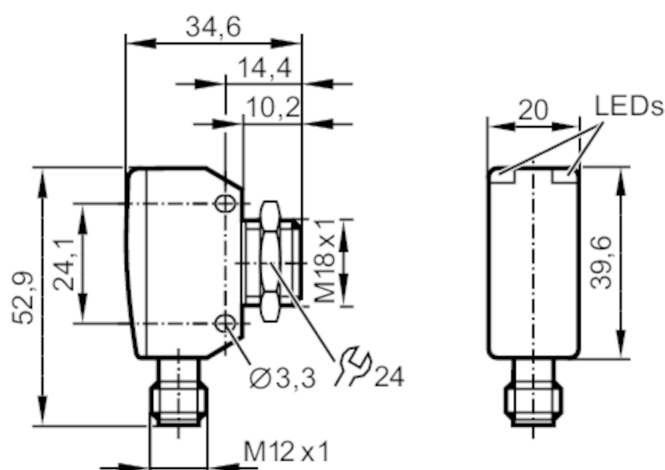


Through-beam sensor receiver

OGE-DPKG/US/V4A/CUBE IR

customer-specific



Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	16
Protection class		III
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	860

Outputs

Electrical design		PNP
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 15



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Range adjustable	no
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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]	961

Mechanical data

Weight	[g]	78
Housing		rectangular
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	switching status	1 x LED, yellow
	operation	1 x LED, green

Accessories

Items supplied	lock nut: 1, stainless steel
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Remarks

Remarks	
Notes	customer-specific
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A





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Connection

