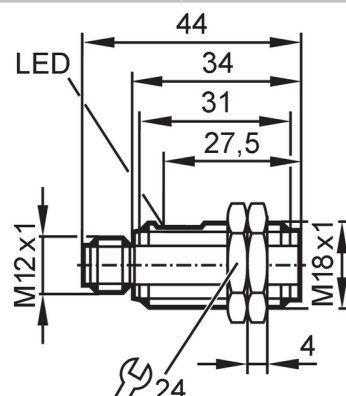


OGE102



Through-beam sensor receiver

OGE-DNKG/US



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Function principle	Through-beam sensor
Application	For use in conveying and materials handling

Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	8
Protection class		III
Reverse polarity protection		yes
Type of light		red light

Outputs

Electrical design		NPN
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
Overload protection		yes

Monitoring range

Transmitter / receiver		receiver
Range	[m]	< 8
Range adjustable		no

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67; (in conjunction with a corresponding connector)

Tests / approvals

EMC	EN 60947-5-2	
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Through-beam sensor receiver

OGE-DNKG/US

MTTF	[years]	1320
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Mechanical data

Weight	[g]	14.4
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 44
Thread designation		M18 x 1
Material		housing: ABS
Lens material		front lens:PMMA

Displays / operating elements

Display	Switching status	1 x LED, yellow
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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: 4



Connection

