



Through-beam sensor receiver

OLE-FNKG/LS-400

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Alternative articles: O5E502 + E21122

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

No scale drawing available

Product characteristics

Housing	rectangular
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Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Overvoltage protection		yes

Outputs

Electrical design		NPN
Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100; (200 (...50 °C))
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 25

OL5042



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Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		rectangular
Dimensions	[mm]	75 x 27 x 62
Materials		PBT
Lens material		PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x 7/8" / M12; coding: A



Connection

