



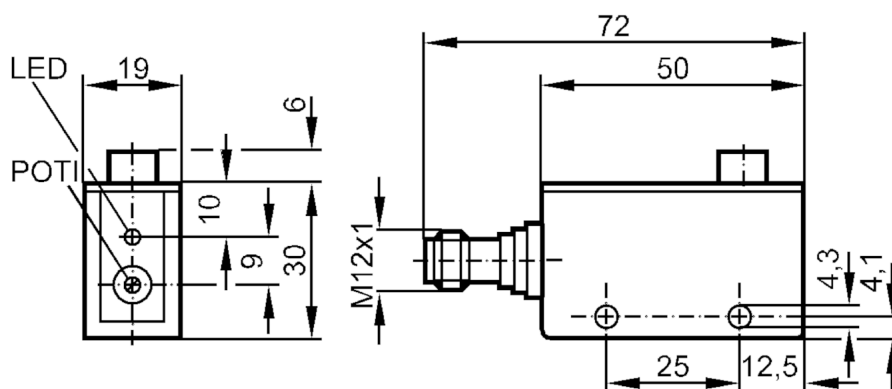
Diffuse reflection sensor

OKT-FPKG/US-100

phase-out article

Alternative articles: O6T201

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



Product characteristics

Housing	rectangular
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Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage	[V]	10...50 DC
Current consumption	[mA]	30; ((24 V))
Protection class		III
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Short-time current rating of switching output	[mA]	250
Switching frequency DC	[Hz]	50
Short-circuit protection		yes



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Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Range [mm]	0...500; (Diffuse reflection sensor)
Range adjustable	yes

Operating conditions

Ambient temperature [°C]	0...60
Protection	IP 65

Tests / approvals

EMC	IEC 801-2	level 4
	IEC 801-3	level 2
	IEC 801-4	level 3
	IEC 255-5	level 2
MTTF [years]	535	

Mechanical data

Weight [g]	65.8
Housing	rectangular
Materials	PPO modified
Lens alignment	side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	screwdrivers
	screws: 2 x M4 x 25
	washers: 2
	spring washers: 2
	Nuts: 2

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A





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Connection

