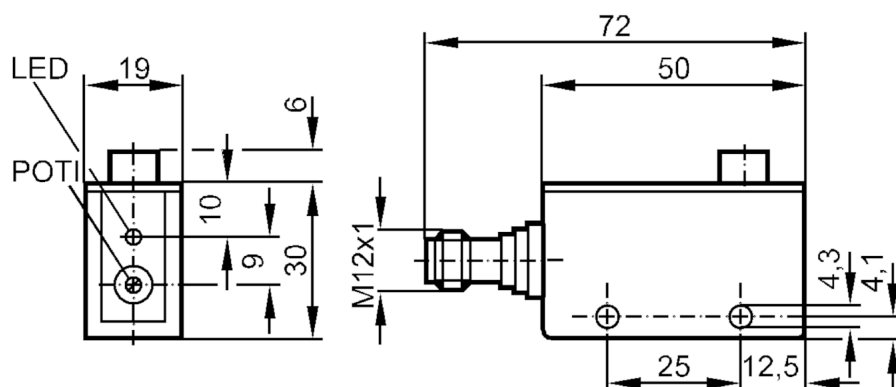




Diffuse reflection sensor

OKT-FPKG/US-100



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
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

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

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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
Accessories		
Accessories (supplied)	screwdrivers	
	screws: 2 x x M4 x 25	
	washers: 2 x	
	spring washers: 2 x	
	Nuts: 2 x	
Remarks		
Notes	discontinued article	
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12		
		

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Connection

