



Diffuse reflection sensor

OPT-FNKG

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Alternative articles: OA5108

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	Diffuse reflection sensor
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Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	12; ((24 V))
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		NPN
Output function		light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC	[V]	7.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	80
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[mm]	< 1300; (white paper 200 x 200 mm)
Range adjustable		yes

OP5034



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Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		rectangular
Dimensions	[mm]	86 x 28 x 142
Material		PPO modified
Lens material		glass
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection		
terminals: ...1.5 mm ²		
Connection		

