



Diffuse reflection sensor

OPT-FPKG/TW3M

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Product characteristics

Type of light	infrared light
Housing	rectangular

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
Type of light		infrared light
Wave length	[nm]	880

Outputs

Electrical design		PNP
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]	400
Switching frequency DC	[Hz]	80
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[mm]	< 3000; (white paper 200 x 200 mm)
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OP5030



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Range adjustable	yes
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Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		rectangular
Dimensions	[mm]	86 x 28 x 142
Materials		PPO modified
Lens material		glass

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: ...1.5 mm²

Connection

