



Diffuse reflection sensor

OPT-FPKG/TS-700

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No scale drawing available

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

System	Function check output
Function principle	Diffuse reflection sensor

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	20; ((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; (configurable)
Max. voltage drop switching output DC	[V]	2.5
Function check output		yes
Max. current load for function check output	[mA]	50
Permanent current rating of switching output DC	[mA]	400
Switching frequency DC	[Hz]	80
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)

OP5044



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Overload protection	yes
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Monitoring range

Range [mm]	< 3000; (white paper 200 x 200 mm)
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Range adjustable	yes
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Operating conditions

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

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	rectangular
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Dimensions [mm]	86 x 28 x 142
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Material	PPO modified
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Lens material	glass
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Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

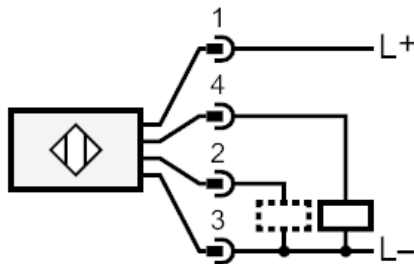
Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x Ø 28 mm; coding: A



Connection



2 Function check output