

OT5041



Diffuse reflection sensor

OTT-FPKG/24V/6M

Article no longer available - archive entry

Alternative articles: OT5001

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



- 1 potentiometer
Receiver in lower lens
Transmitter in upper lens

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage	[V]	18...36 DC
Current consumption	[mA]	40; ((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
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		yes

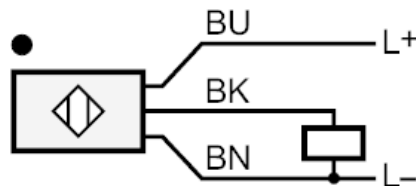
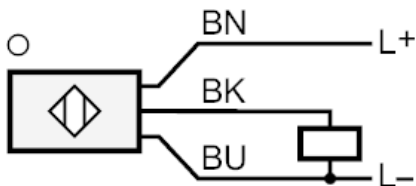
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Type of short-circuit protection	yes (non-latching)	
Overload protection	yes	
Monitoring range		
Range	[mm]	< 200; (white paper 200 x 200 mm)
Range adjustable	yes	
Operating conditions		
Ambient temperature	[°C]	-10...50
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	rectangular	
Dimensions	[mm]	75 x 19 x 30
Material	PBT	
Lens material	PMMA	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 6 m, PVC; 3 x 0.34 mm²		
Connection		



Core colors :	
BN =	brown
BU =	blue
BK =	black