



Diffuse reflection sensor

OGT-HNKG

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No scale drawing available

Product characteristics

Housing	threaded type
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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]	10; ((24 V))
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		NPN
Output function		light-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	160
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[mm]	< 100; (white paper 200 x 200 mm)
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Operating conditions

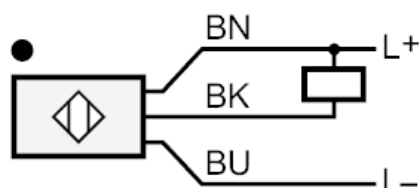
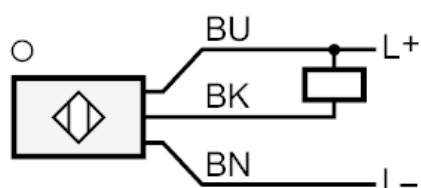
Ambient temperature	[°C]	-25...80
Protection		IP 67



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Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing	threaded type	
Dimensions [mm]	M18 x 1	
Thread designation	M18 x 1	
Materials	brass nickel-plated	
Lens material	glass	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.5 mm²		
Connection		



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