



Diffuse reflection sensor

OGT-HBOA/S/6m

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No scale drawing available

Product characteristics

Type of light	infrared light
Housing	threaded type

Application

Function principle	Diffuse reflection sensor
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Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...90 AC/DC
Protection class		II
Type of light		infrared light
Wave length	[nm]	880

Outputs

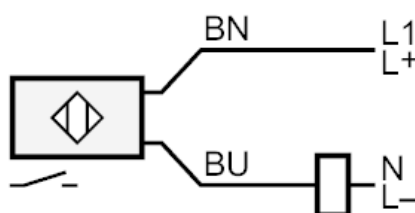
Output function		light-on mode
Max. voltage drop switching output DC	[V]	9.5
Max. voltage drop switching output AC	[V]	9.5
Minimum load current	[mA]	10
Max. leakage current	[mA]	5
Permanent current rating of switching output AC	[mA]	250
Permanent current rating of switching output DC	[mA]	50
Short-time current rating of switching output	[mA]	900; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	70



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Short-circuit protection	no	
Overload protection	no	
Detection zone		
Range	[mm]	< 100; (white paper 200 x 200 mm 90% remission)
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection	IP 67	
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: 6 m, PVC; 2 x 0.5 mm²		
Connection		



BN = Core colours :
brown
BU = blue