



Diffuse reflection sensor

OGT-HBOA/90-250V

Article no longer available - archive entry

Alternative articles: OG0034

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

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]	90...250 AC/DC
Protection class		II
Type of light		infrared light
Wave length	[Nm]	880

OG0014



Diffuse reflection sensor

OGT-HBOA/90-250V

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]		200
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
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
Tests / approvals		
EMC	EN 60947-5-2 EN 55011	class B
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 x
Remarks		
Pack quantity		1 pcs.

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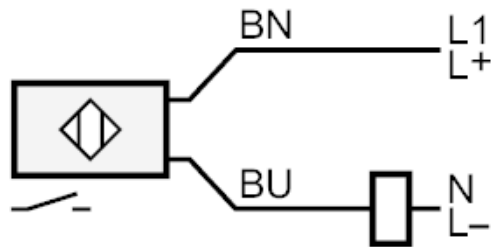
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Electrical connection

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



Core colours :

BN = brown
BU = blue