



Diffuse reflection sensor

OGT-HBOA/20-90V

Article no longer available - archive entry

Alternative articles: OG0035

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

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

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...90 AC/DC
Protection class		II

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; (250 (...50 °C))
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



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Overload protection	no
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Detection zone

Range	[mm]	< 100; (white paper 200 x 200 mm 90% remission)
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Operating conditions

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

Tests / approvals

EMC	IEC 801-2	level 4
	IEC 801-3	level 2
	IEC 801-4	level 3

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
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Accessories

Items supplied		lock nuts: 2
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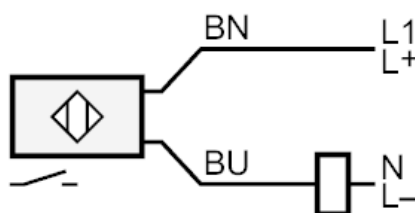
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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