



Diffuse reflection sensor

OGT-HPKG

Article no longer available - archive entry

Alternative articles: OGT501

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
Dimensions [mm]	M18 x 1

Application

Function principle	Diffuse reflection sensor
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Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	30; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	Infrared light
Wave length [nm]	880

OG5010



Diffuse reflection sensor

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Outputs		
Electrical design		PNP
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		yes (non-latching)
Overload protection		yes
Monitoring range		
Range	[mm]	2...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
Material		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.

OG5010



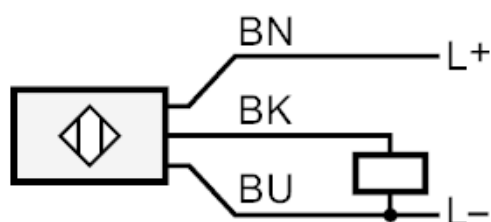
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



Core colors :

BN = brown
BU = blue
BK = black