



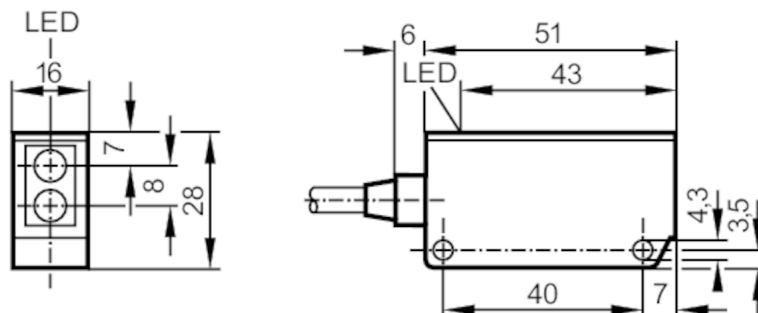
Diffuse reflection sensor

OUN-HPKG

Article no longer available - archive entry

Alternative articles: OU5069

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

Receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

System	short ranges
Function principle	Diffuse reflection sensor

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	35; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	880

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

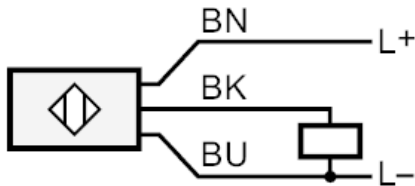
Range	[mm]	20...40; (white paper 200 x 200 mm)
Max. light spot diameter	[mm]	20
Light spot dimensions refer to		at maximum range



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Short ranges		yes
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Weight	[g]	146
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Material		PPO modified
Lens material		glass
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		Angle bracket: 1, E20211
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PVC; 3 x 0.34 mm²		
Connection		



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



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Diagrams and graphs

excess gain graph

