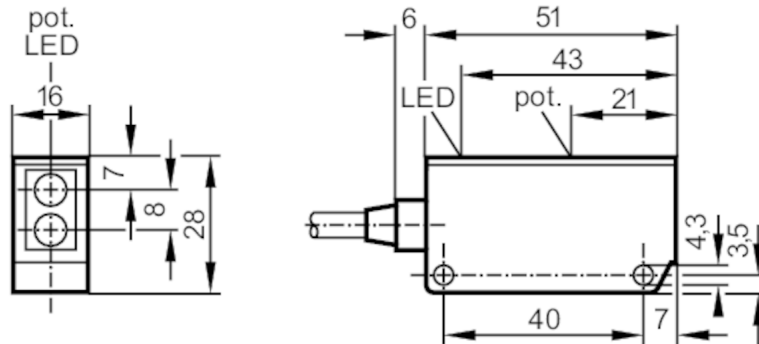




Diffuse reflection sensor

OUT-DNKG

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receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	infrared light
Housing	rectangular
Dimensions [mm]	28 x 16 x 51

Application

Function principle	Diffuse reflection sensor
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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	NPN
Output function	dark-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	pulsed
Overload protection	yes

Detection zone

Range [mm]	< 200; (white paper 200 x 200 mm)
Range adjustable	yes
Max. light spot diameter [mm]	180
Light spot dimensions refer to	at maximum range

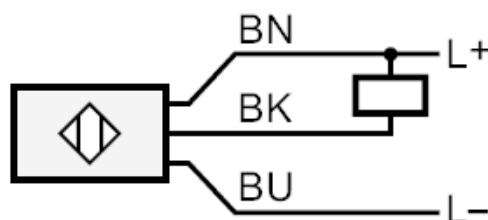
OU5015



Diffuse reflection sensor

OUT-DNKG

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



Core colours :

BN = brown
BU = blue
BK = black

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