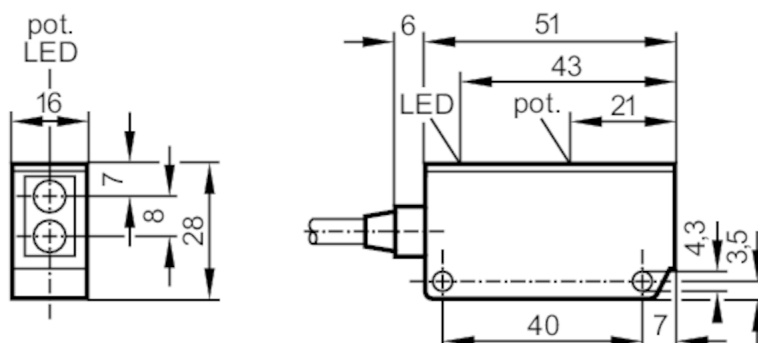


Through-beam sensor receiver

OUE-DNKG

Article no longer available - archive entry



Receiver in upper lens

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	20; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	950

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]	140
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Transmitter / receiver		receiver
Range	[m]	< 6
Range adjustable		yes

Operating conditions

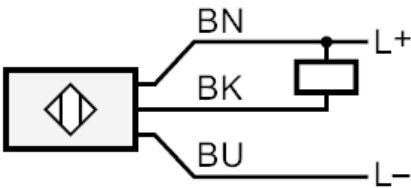
Ambient temperature	[°C]	-25...80
Protection		IP 67



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Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Weight	[g]	0.148
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

