



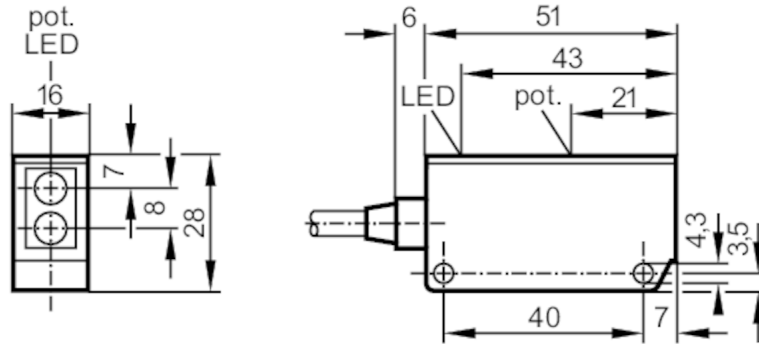
Retro-reflective sensor

OUP-HPKG

Article no longer available - archive entry

Alternative articles: OU5080

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	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	30; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

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		pulsed
Overload protection		yes

Detection zone

Range	[m]	0.15...1.5; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Max. light spot diameter	[mm]	475



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Light spot dimensions refer to	at maximum range
Polarisation filter available	yes

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

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
Materials		PPO modified
Lens material		glass

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	Angle bracket: 1, E20211
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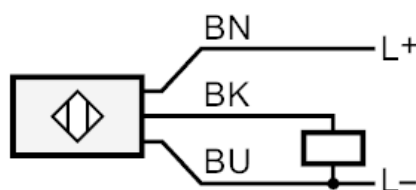
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



Core colours :

BN = brown

BU = blue

BK = black



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Diagrams and graphs

excess gain graph

