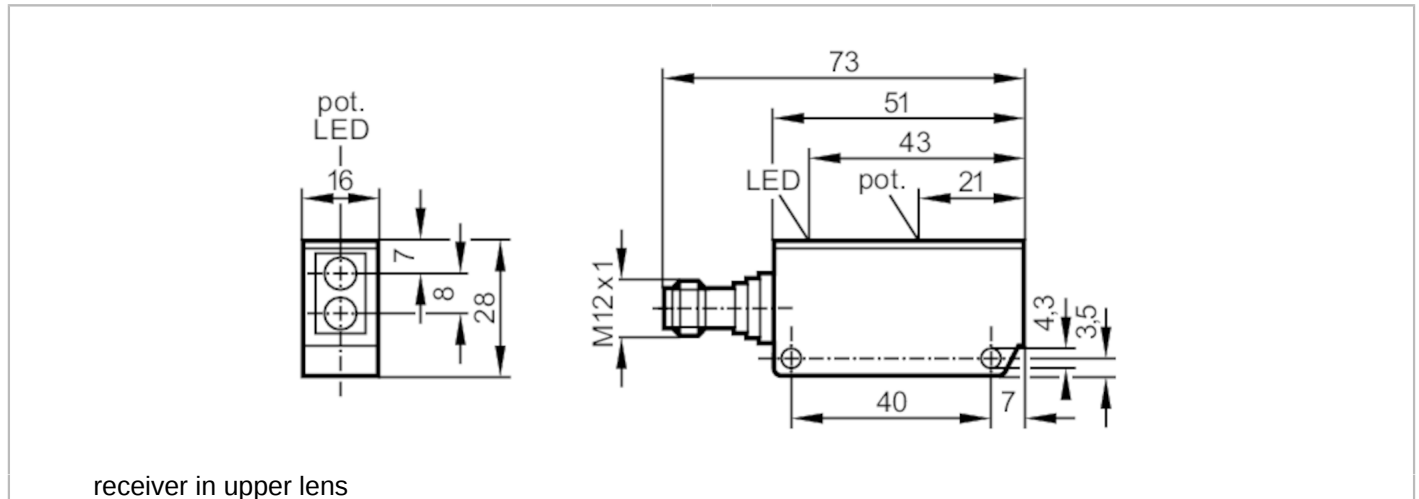




Through-beam sensor receiver

OUE-DPKG/US-100-DPS



Product characteristics

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

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	III
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	880

Outputs

Electrical design	PNP
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	pulsed
Overload protection	yes

Detection zone

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

OU5046



Through-beam sensor receiver

OUE-DPKG/US-100-DPS

Operating conditions

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

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	618

Mechanical data

Weight	[g]	73
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Materials		PPO modified
Lens material		glass
Lens alignment		side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	Angle bracket: 1 x, E20211
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Remarks

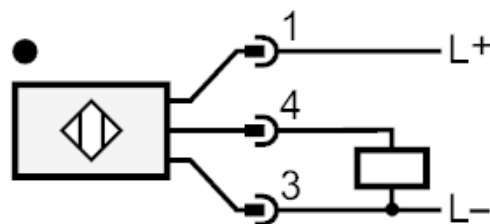
Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12



Connection





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Diagrams and graphs

excess gain graph

