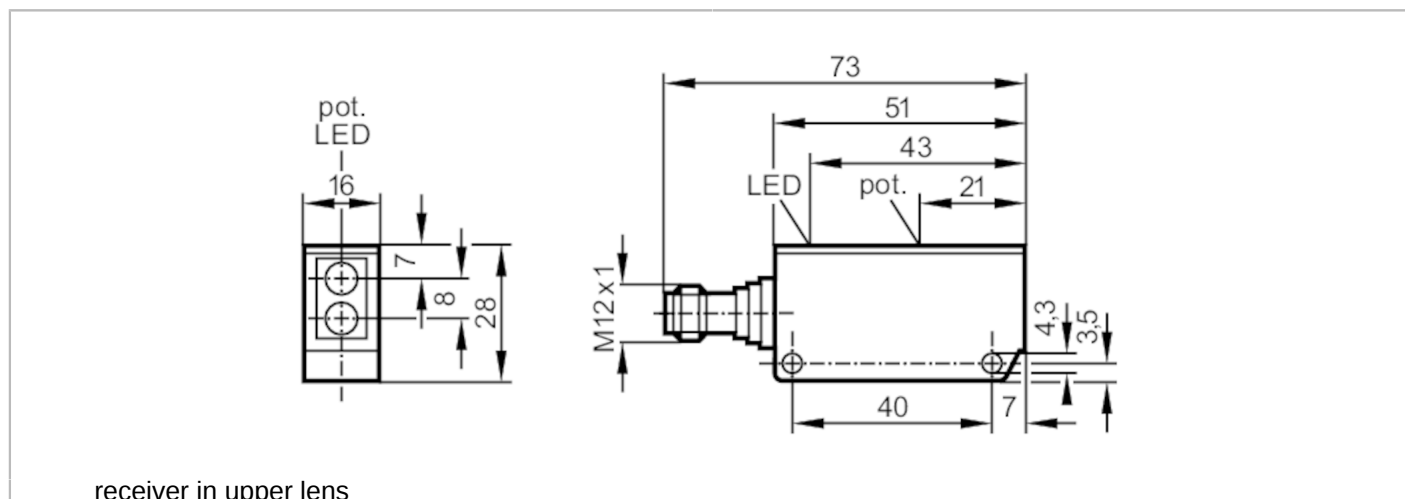


OU5047



Through-beam sensor receiver

OUE-HPKG/US-100-DPO



Application	
Function principle	Through-beam sensor
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	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]	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
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67

OU5047



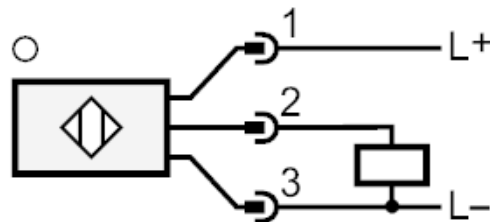
Through-beam sensor receiver

OUE-HPKG/US-100-DPO

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	618
Mechanical data		
Weight	[g]	73.2
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
Accessories		
Accessories (supplied)		Angle bracket: 1 x, E20211
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M12		



Connection





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Diagrams and graphs

excess gain graph

